Author Index

A

Abe, K, 1000
Abe, M, 601
Abghari, R, 577
Abudia, A, 908
Achong, D M, 683, 723
Adalet, I, 186
Adams, B K, 526, 908
Agranovich, S, 696
Ahmad, M, 70
Ahmed, M, 413, 494
Ajmi, S, 402
Ak, I, 29
Akarca, U, 864
Akinboboye, O, 392
Akisue, T, 613
Alarifi, A, 413, 494
Alavi, A, 93, 146, 192, 347, 511, 517, 565, 594, 655, 666, 674, 786, 815, 849, 893, 975
Alazraki, N, 134
Alberini, J-L, 157
Albrecht, S, 463
Alcorta, P, 920
Al Dayel, F, 413
Alfeeli, M A, 437
Alkahtani, N, 413
Al-Kandari, F A, 54
Alksne, J F, 784
Allende, R H, 584
Allman, K, 694
Almahfouz, A, 494
Alonso, J I, 920
Alp, A, 947
Al-Sobhi, S, 494
Al-Sugair, A, 494
Altinel, F, 29
Altrinetti, V, 45
Alvarez, S, 920
Ameredes, H T, 332
Anderson, G S, 93, 192, 893
Andreopoulos, D, 994
Annadina, 548
Annovazzi, A, 299
Antoch, G, 636
Aoki, Y, 582
Aras, G, 236, 254, 277
Archer, K, 128
Arıcan, P, 947
Asada, S, 757
Asano, Y, 66
Ataman, S, 277
Atay, G, 277
Athanasoulis, T, 631
Aubry, S, 992
AuYong, TK, 803
Awadh, S, 908
Ayakawa, Y, 704
Aydin, A, 385
Azuma, A, 222

B

Bååth, M, 789
Bal, C, 476
Balan, A, 315
Balan, K, 485
Balan, K K, 239, 315
Balink, H, 545
Baltrop, A H, 239
Bamba, M, 992
Banzo, I, 584
Barbari, A, 121
Barrett, J A, 480
Barrette, G, 897
Barros, A, 553
Barros, N, 553
Bartholomeusz, D, 400
Batsakis, C, 981
Battista, G, 548
Bauer, R, 136
Bayrakdar, R, 866
Baziotis, N, 994
Becker, W, 267
Béhé, M, 267
Behr, T M, 267
Bekis, R, 226, 385
Belgraier, A, 608
Bello, P, 343
Benamor, M, 375
Bergmann, S R, 392
Berkarda, S, 410, 599
Berman, D, 392
Beyer, T, 636
Bhargava, P, 347, 594, 655, 849, 893
Bhutani, C, 594
Billingsly, J, 144
Bini, A, 548
Bizais, Y, 5
Blanche, P, 157
Blend, M J, 74
Block, M, 18
Blocklet, D, 467
Boccalandero, F, 290
Bockisch, A, 636
Boda, J, 515
Boerman, O C, 480
Bogićević, M, 616
Bohannon, T, 691
Bohannon, W T, 711
Bohdiewicz, P J, 821, 966
Bökenkamp, R, 316
Bollas, I, 981
Bom, H-S, 351, 457
Bombardieri, E, 548
Borght, T V, 606
Bossuyt, A, 990
Botvinick, E H, 18
Boucher, L, 39
Boughattas, S, 807, 923
Bouillot, J L, 238
Boulahdour, H, 992
Bozbora, A, 186
Bozkurt, M F, 245
Brian, S, 711
Bridwell, R S, 503
Brinkmann, F, 192
Brouwer, P A, 72
Brouwers, F M, 480
Buchmann, I, 760
Buchpiguel, C A, 553
Burns, J, 786
Burt, R, 62
Bybel, B, 247, 350, 522
Bykov, S, 198, 426

C

Caglar, M, 945
Çakir, B, 410
Calhoun, W B, 853
Campeau, R J, 296
Caner, B, 78, 245
Canini, R, 548
Cantez, S, 186
Caride, V J, 589
Carletto, M, 45
Carlisle, M R, 541
Carola, F, 150
Carrasquillo, J A, 979
Carril, J M, 584
Casara, D, 519
Case, D, 144, 955
Castaigne, C, 467
Caton, B, 920
Cavarec, M, 5
Cehic, G A, 400
Cerino, M, 897
Çermik, T F, 410, 599
Ceylan, E, 78, 204, 245
Chander, S, 327, 443
Chang, C-P, 861
Chang, J-M, 161
Charron, M, 905
Chatti, K, 807, 923
Chen, C C, 979
Chen, J-H, 861
Chen, Y-K, 142, 320
Chen, Y-L, 142
Cheng, C-J, 604
Cheong, K A, 652
Chervinsky, L, 198
Chew, C G, 441
Chiang, S B, 674, 786, 815
Chin, B, 472
Chiti, A, 548
Choe, W, 501
Christakopoulou, I, 981
Chu, Y-K, 861
Chuang, F-J, 77, 353, 869
Chun, H, 672
Chun, K J, 322, 513
Chung, I-J, 457
Chung, M-H, 501
Cid, E, 290
Clark, C, 565
Clark, P B, 955
Clauss, R P, 14
Clough, K B, 375
CNMT, 897
Cohen, H I, 886
Cohn, D A, 434
Coleman, R E, 668
Collier, B D, 54, 437
Comans, E F I, 58
Comlekci, A, 385
Connolly, L P, 424, 618, 648, 746, 769, 847, 855, 933
Connolly, S A, 648, 746, 933
Conrad, G R, 408
Constable, C J, 130, 234, 489, 840
Corstens, F H M, 480
Cortes, J, 920
Cotter, A, 565
Csiki, Z, 611
Cullu, E, 156

D

Dadparvar, S, 655, 893
Daglýöz, G, 864
Dakhel, M, 977
Danielsson, R, 789
Dasan, J B, 476
David, O, 296
David, V, 340
Debatin, J F, 636
De Boeck, H, 990
De Geeter, F, 336, 492
Degirmenci, B, 226, 385
De Klerk, J M H, 545
Delbeke, D, 108, 176
Delfini, R, 971
Delos, M, 606
Demakopoulos, N, 762
De Maria, S, 897
Demirkol, M O, 337
Demirkurek, C H, 186
De Rossi, G, 340
Döbert, N, 738
Des Guetz, G, 238
Devaux, J-Y, 157
De Winter, G V, 58
De Winter, O, 299
Diehl, M, 728
Dierckx, R, 299, 986
Di Giuda, A, 340
Di Giuda, D, 340
Dimopoulos, M A, 631
Doppl, W, 136
Dörner, J, 267
Doumas, A S, 439
Dowling, A M, 296

Dresel, S, 379
Dreyer, M, 506
Dreyfus, F, 157
Driss, N, 807
Drivas, I, 138, 312, 421
Drubach, L A, 769, 847
Drudi, F M, 971
Duarte, P S, 498, 517, 975
Duchateau, C S J, 72, 316
Dufresne, M-P, 897
Dumarey, N, 68
Durak, H, 226
Dworkin, H J, 966

E

Edge, S B, 558
El-Desouki, M, 926, 988
Elgazzar, A, 250, 574, 775
Elliott, R, 694
Erdi, Y, 943
Erdogan, S, 156
Eren, S, 445
Ergun, E L, 327, 443
Ervine, S, 577
Esquerre, J P, 941
Essabbah, H, 402, 807, 923
Esser, J-P, 845
Essner, R, 961
Estourgie, S H, 371
Everaert, H, 990
Eybalin, M-C, 897

F

Fajman, W A, 134
Fan, W, 577
Fanti, S, 118, 548
Faries, M B, 961
Farinhas, J, 322
Farkas, Z S, 515
Farsad, M, 118, 548
Fecher, A, 332
Fedorciw, B J, 97
Feng, Q, 517, 594
Fiore, D, 519
Fiore, V, 971
Firat, M F, 599
Fischer, R, 929
Fish, S, 93
Foga, M M, 330
Fogelman, I, 171
Fong, W, 916
Fonseca, R B, 498
Fordice, S, 176
Franc, B, 541
Franchi, R, 118, 548
Frater, C J, 587, 699
Freeman, L M, 322, 513
Freeman, M, 709
Fréneaux, P, 375
Freudenberg, L S, 636
Friedman, A, 834
Fuertes, S, 403
Fukuchi, K, 232
Fukumitsu, N, 64
Fulham, M J, 130, 234, 489, 780, 840

G

Galen, B, 208
Galuska, L, 515, 611
Galy-Fourcade, D, 941
Garai, I, 515, 611
Garcia, C A, 218
Garty, I, 198, 426
Gaskill, M, 966
Gasthaus, K, 1
Gayed, I, 290
Gemmel, F, 986
Gencoglu, E A, 277
Georgoulias, P, 762
Germano, G, 392
Ghesani, M, 608
Ghesani, N, 432, 666
Glass, C, 961
Goethals, I, 299
Gómez-Río, M, 571
Gopal, A, 392
Görges, R, 636
Goris, M L, 389
Gourgiotis, L, 208
Grünwald, F, 728, 738
Gradinscak, D J, 840
Graham, M M, 325
Grahek, D, 238
Graichen, S, 728
Gratz, S, 267
Groves, A, 485
Guan, L, 655, 674, 786, 893
Guillen, P, 49
Guillo, P, 5
Gülbaş, Z, 29
Gulec, S A, 961
Gull, H, 658
Gultekin, A, 410
Gunawardana, D H, 527
Gupta, V, 56, 577
Guthrie, L C, 208
Guttentag, A R, 60

H

Hadase, M, 230, 757
Hahn, K, 379
Haindl, W, 699
Ha-Kawa, S, 582
Halevi, R, 198
Ham, H, 732
Hammoud, D, 472
Hanawa, N, 1000
Hara, M, 334
Harris, J, 711
Hartshorne, M F, 853
Hasegawa, H, 766
Hashimoto, T, 1000
Hasni, S, 608
Hassine, H, 402, 807, 923
Hayakawa, K, 66
Hayashida, K, 232
Hentschel, M, 929
Heo, Y-J, 351
Herder, G J M, 58
Herrador, M A, 49
Hervás, I, 343
Hicks, R J, 487
Higashi, N, 704
Higashiyama, S, 220, 911
Hirano, T, 890
Hirashima, S, 429
Hitora, T, 613
Hod, N, 34, 927
Hoekstra, O S, 58
Höffken, H, 267
Hoh, C, 784
Honda, N, 25, 398, 405
Horcajada, J P, 403
Horita, Y, 429
Horne, T, 34, 927
Horovitz, Y, 426
Horst, C, 577
Hosaka, K, 613
Hosono, M, 25, 398, 405
Howman-Giles, R, 52
Hsieh, J-F, 161
Hsu, C-H, 604, 791, 842
Hsu, N-Y, 77
Hung, G-U, 160, 180, 936
Hurd, T, 558
Hurwitz, R, 755

I

Ibis, E, 277
Ichikawa, Y, 890
Idris, O, 392
Igerc, I, 838
Ignatow, M J, 124
Ikezoe, J, 766
Ilias, I, 981
Ilić, S, 616
Inoue, Y, 220, 405
Ishida, Y, 232
Ishii, K, 66
Ishizu, H, 220, 911
Itoyama, S, 25
Izrael, V, 771

J

Jackson, T, 332
Jain, A N, 43
Jenkins, L A, 579, 711
Jerushalmi, J, 224, 886
Jigalin, A, 1
Jinguji, M, 228
Johnson, G R, 815
Joyce, J M, 37, 332, 782
Jung, D-S, 416

K

Kabra, S K, 476
Kadioğlu, A, 337
Kadota, Y, 243
Kaiser, J W, 267
Kajiura, S, 154
Kaltsas, T, 439
Kaminski, C Y, 60
Kaminski, J M, 60
Kamitani, T, 230, 757
Kamitsuji, Y, 230
Kan, S, 66
Kantarci, A M, 866
Kao, C-H, 77, 80, 162, 249, 353, 610, 794, 869
Kapran, Y, 186
Kara, G, 254
Karimeddini, M K, 345
Kashimada, A, 25, 405
Kasner, D L, 43, 773
Katabuchi, H, 725
Katz, D S, 680
Kawabe, J, 220, 911
Kawamoto, T, 613
Kawamura, E, 220, 911
Kawanaka, K, 725
Kawasaki, S, 230, 757
Kawasaki, T, 230, 757
Kazem, N A, 54
Kölbeck, K-G, 789
Kean, A M, 138
Keenan, A M, 1002
Keenan, R, 332
Keller, A, 463
Kennedy, S, 691
Khan, J, 815
Khoury, J, 224
Khouyry, J, 886
Kicska, G, 511
Kido, R, 725
Kiefer, V, 419
Kikuchi, K, 766
Kim, C E, 782
Kim, C K, 97, 672
Kim, D-S, 286, 416
Kim, E E, 457
Kim, H-J, 457
Kim, I-J, 286, 416
Kim, M-W, 778
Kim, S-J, 286, 416
Kim, S-M, 351
Kim, W-H, 501
Kim, Y-K, 286, 416
Kin, Y, 685
Kir, K M, 236
Kıratlı, P O, 204
Kirgan, D, 961
Kirkwood, I D, 652
Kitapci, M T, 668
Kjaer, A, 506

© 2003 Lippincott Williams & Wilkins

Klein, S A, 738
Klett, R, 136
Klingelschmitt, S, 992
Klominek, J, 789
Kobayashi, K, 984
Kohlfuerst, S, 838
Kohno, S, 429
Koizumi, K, 1000
Kok, M, 144
Kölgesiz, A I, 337
Kondas, D, 966
Konz, B, 379
Köster, O, 643
Kosuda, S, 243
Kotani, J, 911
Koutsikos, J, 631
Koyama, K, 220, 911
Kranert, W T, 738
Krassas, G E, 439
Krenning, E P, 845
Kroon, B B R, 371
Krug, B, 606
Krynckyi, B R, 672
Krynyckyi, B R, 97
Kubota, T, 984
Kucuk, O, 277
Küçük, O N, 254
Kumar, P, 70
Kumar, R, 56, 476
Kung, J, 975
Kunte, C, 379
Kunze, K, 1
Kurosaka, M, 613
Kusano, S, 243
Küşük, N O, 236
Kuyvenhoven, J, 732
Kuzuhara, S, 890
Kwekkeboom, D J, 845
Kwok, P, 350

L

Lacrosse, M, 606
Laflamme, L, 39
Lahoutte, T, 990
Lamar, R, 176
Lambert, B, 986
Lamonica, D, 558
Lan, J-L, 160, 936
Landreneau, R, 332
Lantsberg, S, 696
Larson, S M, 943
Le Duc-Pennec, A, 5
Lee, C C, 961
Lee, C-M, 791, 842
Lee, J-J, 457
Lee, J-K, 998
Lee, T S, 694
Lehmann, P, 1
Leitha, T, 113
Leovey, A, 515
Lerch, H, 1
Le Rest, C, 5
Leslie, W D, 330
Lette, J, 897
Levasseur, A, 897
Levis-Dusseau, S, 14
Leyes, M, 49
Li, T, 322
Liao, A C, 320
Liao, S-Q, 861
Liberatore, M, 971
Lichtenstein, M, 527
Lichter, J, 782
Lilić, G, 616
Lilien, D L, 677, 687
Lim, S T, 778
Lin, C-Y, 353, 869
Lin, E C, 318, 836
Lin, P-J P, 704
Lin, S-Y, 842
Lin, W-Y, 160, 180, 936
Lin, Y-H, 791
Lind, P, 838
Lindhorst, E, 728
Lipszyc, H, 97
Little, R F, 979
Liu, H-G, 241
Liu, R-S, 861
Llamas-Elvira, J M, 571
Loberant, N, 224, 886
Lomeña, F, 403
Loneragan, R, 9
Losik, S B, 913, 977
Ludwig, J, 643
Ludwig, V, 108, 176
Lumelsky, D, 426
Lwakatare, F, 725

M

Macdonald, N L, 132
Machac, J, 97, 672
Machida, K, 25, 398, 405
Mackay, J R, 487
Mackie, G C, 591, 851, 881
Mainusch, O, 1
Malcolm, A, 524
Malhotra, A, 476
Malik, A, 687
Mandel, S J, 93
Manente, S, 519
Manor, W F, 773
Mansberg, R, 138, 312, 421
Mansberg, V J, 587
Margouleff, D, 913, 977
Mariani, G, 45
Martin, H, 738
Martin, P, 467
Martin, W H, 108, 176
Martinet, J-P, 606
Martoni, A, 118
Marui, T, 613
Masiero, P R, 509
Mateo, A, 343
Mateos, J J, 403
Matsumura, K, 890
Matsunaga, N, 827
Mattar, A G, 247
Mavi, A, 226
McCaughan, B C, 130, 234, 489
Mendelson, D S, 124
Menzel, C, 728, 738
Mereu, C, 45
Merk, S, 929
Merlat-Guitard, A, 157
Meyerrose, G, 579, 691, 711
Miki, H, 766
Milan, P P, 596
Mindlin, L, 34
Missori, P, 971
Miyagawa, M, 601
Miyazaki, M, 429
Mochizuki, T, 766
Mohamed, A, 840
Monetti, F, 548
Monetti, N, 118, 548
Montilla-Soler, J L, 503
Montini, G C, 548
Montravers, F, 238, 771
Moretti, A, 118
Mori, Y, 64
Morton, D L, 961
Morton, K A, 955
Mortzos, G, 762
Mosci, K, 97
Mose, S, 738
Moser, E, 929
Moulopoulos, L A, 631
Mountz, J M, 241
Mourad, M, 128
Munn, S, 574
Murashima, S, 890
Murata, K, 704
Murata, O, 25
Muylle, K, 990
Muzzio, P C, 519
Myers, D T, 37

N

Naddaf, S Y, 437
Nagira, K, 613
Nagy, E V, 515
Nakabeppu, Y, 228
Nakagawa, M, 222
Nakai, T, 984
Nakajo, M, 228
Nakamoto, Y, 302
Nakamura, S, 429
Nakamura, T, 222
Nakano, Y, 685
Nakhoda, K, 93
Nanni, C, 118, 548
Nasser, T, 413
Nath, V, 526
Nelson, R L, 74
Neumann, D R, 350
Newberg, A, 565
Nguyen, B D, 47, 670, 743, 931, 996
Nguyen, J D, 979
Nichols, K, 392
Nieweg, O E, 371
Nishida, S, 638
Nishikido, M, 429
Nishimura, K, 601
Nishimura, T, 685, 984
Noguchi, K, 154
Nos, C, 375
Nowland, T, 524
Nwakanma, L, 691

O

Oates, E, 126
Oei, H Y, 845
Ogasawara, N, 827
Ogi, S, 64
Ogino, H, 334
Ohba, S, 334
Ohmori, T, 66
Ohnishi, H, 601
Ohta, H, 252, 701
Ohtawa, N, 25, 398
Okamura, H, 725
Okamura, T, 220, 911
Okuyama, C, 685, 984
Olmos, R A V, 371
Ömür, O, 864
Onbas, O, 445
Ong, B, 916
Onikul, E, 52
Onuk, M D, 445
Oral, B, 308
Ormijana, J S, 920
Ortapamuk, H, 947
Ortega, M, 403
Ortega, S, 571
Osada, H, 25
Osman, M, 302
Othman, S, 926, 988
Ouhayoun, E, 941
Oyen, W J G, 480
Oza, U D, 126, 250
Ozarmagan, S, 186
Ozbey, N, 186
Özcan, Z, 864
Ozdemir, S, 834
Ozdogan, O, 385
Özkan, E, 236

P

Pan, M-H, 858
Park, Y-K, 457
Patel, N, 782
Patrikeos, A P, 487
Patronas, N J, 208
Payoux, P, 941
Peer, A, 34
Peiro, V, 49

© 2003 Lippincott Williams & Wilkins

Pelizzo, M R, 519
Pena, F J, 584
Perez–Rossello, J, 424, 855
Pérez-Velasco, R, 343
Perrier, N D, 955
Petrella, F, 548
Petrucci, M, 784
Phillips, M D, 62
Phisitkul, S, 579, 711
Piato, J R, 553
Piccardo, A, 45
Piepsz, A, 732
Pinotti, J A, 553
Pinto, C, 118
Pitman, A G, 527
Plantade, A, 771
Podoloff, D, 290
Pons, F, 403
Pontikides, N, 439
Ponzo, F, 146
Porn, U, 52
Prosperi, D, 971
Proulx, G, 558
Puille, M, 136
Pujade-Lauraine, E, 238
Pyrsopoulos, N, 638

Q

Quirce, R, 584

R

Rachinsky, I, 696
Raja, S, 522
Rajadhyaksha, C, 933
Rajić, M, 616
Rajnish, A, 70
Rakvit, A, 579, 691, 711
Ramos, C, 571
Ramot, Y, 34
Ratto, G B, 45
Ravier, M, 986
Rebenstock, A, 517, 674, 786
Reczek, J, 775
Reddy, M P, 325, 677, 687
Reddy, P, 677
Reich, P, 655, 849, 893
Renard, V, 986
Rencus, T, 574
Reske, S N, 760
Restrepo, J M, 589
Rexroad, J T, 503
Reynolds, J C, 208
Richard, B, 157
Roach, P, 434, 524, 709
Roberts, J M, 138, 312, 421
Robinson, B, 709
Rodgers, N G, 652
Rodríguez-Fernández, A, 571
Romeo, 548
Roongsritong, C, 579
Rosenberg, R J, 218
Rouhanifar, H, 45
Rubello, D, 519
Rudenko, B, 992
Ruiz-Oliva, F, 920
Rutgers, E J T, 371
Ryan, Q C, 979
Ryu, J K, 501

S

Sabatel, G, 571
Sada, E, 766
Sagiuchi, T, 66
Said, R, 224
Sakamoto, I, 429
Sakamoto, K, 222
Sakatani, T, 230
Sakuma, H, 890
Salan, A, 599
Salem, N, 923
Sam, J W, 666
Sampaio, A P, 553
Samuels, P L, 432
Sanchez, R, 579
Sanghvi, A N, 37
Sapienza, M T, 553
Sarikaya, I, 943
Sarlis, N J, 208
Savelli, G, 548
Savitch, I, 513
Sawada, S, 582
Sawada, T, 222
Schaffstein, J, 643
Schauwecker, D S, 62
Schipper, M L, 267
Schmid, G, 643
Schmid, R A, 379
Schmitz, S L, 140, 663
Schoutens, A, 68
Segall, G, 541
Seike, M, 766
Sekine, I, 243
Selle, F, 771
Seok, J-W, 286, 416
Serafini, A N, 14
Servilla, K S, 853
Seto, H, 154
Seymen, H, 337
Sfakianakis, G N, 638
Shapiro, B, 519
Shawker, T H, 208
Shelef, I, 696
Shen, Y-Y, 794
Sheu, M-H, 861
Shibamoto, Y, 334
Shields, A F, 327
Shields, M, 709
Shih, C-S, 77
Shih, W-J, 419, 596
Shimizu, M, 154
Shimizu, R, 827
Shintaku, M, 252
Shiomi, S, 220, 911
Shiraishi, S, 725
Shon, I H, 171
Sicard, D, 157
Siegal, J, 836
Signore, A, 299
Sijmons, E A, 545
Silva, M, 691
Silva, M B, 711
Singh, A, 658
Singh, R J, 658
Sinha, P, 408
Skarulis, M C, 208
Skurnick, B J, 432
Slavin, J D, 764
Sloan, D A, 408
Smith, J, 574
Smolkin, V, 198
Sohn, M-H, 778
Solis, V, 345, 764
Solomon, S B, 811
Song, H-C, 351, 457
Sotiropoulos, P, 441
Sougawa, M, 582
Soulen, M C, 192
Soylu, A, 277
Spatzierer, 238
Spencer, R P, 218, 345, 764
Spiegel, R, 426
Spieth, M E, 43, 140, 663, 773
Spiro, B L, 509
States, R, 579
Staudenherz, A, 113
Stauss, J, 424, 618, 847, 855
Steiner, D, 136
Stević, M, 616
Stokkel, M P M, 72, 316
Stomper, P C, 558
Strokon, A, 9, 128
Studentsova, Y, 913, 977
Studley, M, 318
Suga, K, 827
Sugawara, Y, 766
Sugie, C, 334
Sugihara, H, 222, 230, 757
Sugio, Y, 827
Suh, J-K, 501
Sun, C-M, 861
Sun, S-S, 77, 353, 869
Sun, X, 666
Susuki, L, 498
Suyama, N, 429
Suzuki, K, 685, 704
Suzuki, T, 252
Svensson, L, 789
Swingle, C A, 134
Syed, G M S, 54
Szabo, J, 515
Szeto, E, 130
Szücs, G, 611

T

Tabah, I, 238
Tadokoro, M, 429
Takahashi, T, 25, 398, 405
Takeda, K, 890
Takeguchi, T, 766
Takeuchi, H, 252
Talazko, J, 929
Talbot, J N, 238, 771
Tanabe, H, 228
Tani, A, 228
Tarantino, R, 971
Taura, K, 429
Taylor, R ER, 939
Tenenbaum, F, 157
Tenorio, L E, 683, 723
Terzioglu, T, 186
Thol, C, 5
Thomas, E J, 476
Tohyama, J, 334
Tokuhiro, M, 685
Tomiguchi, S, 725
Tomizawa, G, 154
Tommasi, L, 45
Tong, CM, 803
Torii, K, 220, 911
Tran, H, 60
Treves, S T, 424, 618, 769, 847, 855, 933
Trikha, V, 56
Troisi, R, 986
Tsai, Y-C, 858
Tsikouris, J, 579, 711
Tsiouris, S, 631
Tsuchida, D, 64
Tsuchimochi, S, 228
Tuncel, M, 945
Turgut, B, 410
Turzo, A, 5
Tutak, I, 277
Tzamaloukas, A H, 853

U

Uchiyama, M, 64
Udeshi, M, 565
Uren, R, 52
Ushijima, Y, 685, 984
Uslu, H, 445, 866
Usubutun, A, 945
Utsunomiya, D, 725

V

Valenza, V, 340
Van Den Eeckhaut, A, 336, 492
Van Der Meer, J W M, 480
Van der Wall, H, 9, 128, 694
Van De Wiele, C, 299
Van Vlierberghe, H, 986
Vardareli, E, 29
Varga, J, 515, 611
Varoglu, E, 445, 866
Vasanawala, M S, 389
Vazina, A, 34

© 2003 Lippincott Williams & Wilkins

Vehling, D, 643
Velasco, M, 403
Veluvolu, P, 140
Venditti, M, 971
Vento, J A, 345
Verheugt, F W A, 480
Vigário, A, 553
Villa, G, 45
Vlajković, M, 616
Volkan, B, 204
von Rothenburg, T, 643
Voutnis, D, 485

W

Wahl, A, 760
Wahl, R L, 302
Walgraeve, N, 336, 492
Wandt, H, 760
Wang, F-C, 791
Wang, S-J, 160, 180, 936
Watanabe, N, 154
Watson, N E, 955
Weiss, M, 379
Weiss, N, 811
Welling, A, 58
Wilkinson, M D, 130, 234, 489, 780
Wilson, W, 979
Wince, W B, 62
Wishart, G C, 239
Wong, CP, 803
Wong, C-Y O, 966
Woodfield, C, 146
Workman, G S, 9
Wu, Y-W, 858

X

Xaplanteris, P, 762

Y

Yamaguchi, M, 232
Yamamoto, T, 613
Yamane, T, 911
Yamano, T, 222
Yamashita, Y, 725
Yammine, J N, 121
Yang, C-M, 604
Yang, K-T A, 936
Yatim, A, 121
Yen, R-F, 858
Yeung, H WD, 943
Yildirim, M, 445, 866
Yildiz, M, 308
Yoshida, T, 582
Young, S A, 638
Young, W, 680
Yu, J Q, 655, 975
Yun, J H, 18
Yung, E, 680
Yurekli, Y, 156

Z

Zaina, A, 886
Zamani, R, 687
Zanglis, A, 994
Zelmanovitz, F, 509
Zerva, C, 631
Zhang, Z-Y, 97
Zhuang, H, 93, 146, 192, 347, 511, 517, 594, 655, 666, 674, 786, 815, 849, 893, 975
Zissimopoulos, A, 994
Zonnenberg, B A, 545
Zuckier, L S, 432

© 2003 Lippincott Williams & Wilkins

Subject Index

A

Abdominal aortic aneurysm
  detected incidentally on gallbladder scintigraphy, 577–578
  F-18 FDG PET of, 130–131
  on renal Tc-99m MAG3 scintigraphy, 711–714
Abdominal cavity, foreign body-related inflammatory pseudotumor in, F-18 FDG PET of, 842–844
Abdominal infection, compensatory liver lobe hypertrophy mimicking, on Tc-99m HMPAO leukocyte imaging, 443–444
Abdominal ultrasound, of adrenal cortical carcinoma, 494–497
Abscess, renal, Tc-99m DMSA and Tc-99m ciprofloxacin imaging of, 68–69, 456 (erratum)
Acronecrosis, from cryoglobulinemia, 336
Adrenal cortical carcinoma, whole-body F-18 FDG PET of, conventional imaging *vs.*, 494–497
Adrenal gland, colon cancer metastasis to, F-18 FDG CDET imaging of, 238
Albers-Scholenberg disease, three-phase bone scintigraphy of, 54–55
Alzheimer's disease, developing imaging agents for, nanoparticles as drug delivery devices in (ab), 529
Amyloidosis, pulmonary, F-18 FDG PET of, 975–976
Androgen insensitivity syndrome, Sertoli cell tumor in, PET imaging of, 743–745
Anemia, erythropoietin therapy for, bone marrow F-18 FDG uptake after, 771–772
Aneurysm
  abdominal aortic
    detected incidentally on gallbladder scintigraphy, 577–578
    F-18 FDG PET of, 130–131
    on renal Tc-99m MAG3 scintigraphy, 711–714
  displaced uterus simulating, on bone scan, 574–576
  iliac arterial, Tc-99m RBC scintigraphy of, 579–581
Aneurysmal bone cyst, three-phase imaging of, 933–935
Angiography
  dynamic radionuclide, of cerebral arteriovenous malformation, 64–65
  of pulmonary embolism, 34–36, 897–904
Angiolipoma, F-18 FDG PET detection of, 604–605
Angiolymphoid hyperplasia, eosinophilia with, F-18 FDG PET and MRI of, 996–997
Angiomas, multiple, in myelitis, 571–573
Anorexia nervosa, insufficiency fractures in, 250–251
Antigranulocyte antibody Fab′ fragment, Tc-99m-labeled, in osteomyelitis imaging, 643–647
Antiphospholipid syndrome, renal cortical perfusion defects in, Tc-99m DMSA imaging of, 853–854
Aortic dissection, three-phase bone scintigraphy of, 858–860
Aphasia, after embolization for dural arteriovenous malformation, Tc-99m HMPAO of, 685–686
Appendicitis, Tc-99m monoclonal antibody Fab′ fragment scan of (ab), 81
Appendix, epididymal, torsion of, blood pool imaging in, 526
Areolar-cutaneous junction, injections in, to augment sentinel lymph node activity, 97–107
Arterial injection artifact, on F-18 FDG PET, 350
Arteriovenous fistula, renal, embolization of, 429–431
Arteriovenous malformation
  cerebral, Tc-99m ECD imaging of, 64–65
  dural, aphasia after embolization for, Tc-99m HMPAO of, 685–686
Arthritis, septic, on bone scintigraphy, 927–928
Arthroplasty infection, Tc-99m leukocyte bone scan of, 694–695
Ascites
  malignant, repetitive P-32 peritoneal instillations for, 545–547
  secondary to posterior urethral valves, Tc-99m DTPA renal scintigraphy of, 923–925
Aspergillosis, invasive, mimicking non-small cell lung cancer, 234–235
Axillary lymph node, dissection of, alternative lymphatic pathways after, in breast cancer (ab), 357
Axillary sweat glands, Tc-99m depreotide accumulation in, 789–790

B

Bile leak
  differentiating blind end sign from, in hepatobiliary scintigraphy of liver transplant patients, 638–642
  normal gallbladder with, cholescintigraphy of, 977–978
Biliary stent, in pancreatic cancer, F-18 FDG PET of, 318–319
Bladder. *See* Urinary bladder *entries*
Blastomycosis, disseminated, Ga-67 *vs.* bone scintigraphy in, 596–598
Bleeding, gastrointestinal
  intra-abdominal splenosis mimicking, 226–227
  in moving Meckel's diverticulum, Tc-99m pertechnetate imaging of, 908–910
  Munchausen style, 330–331
  recurrent, diagnosed with delayed Tc-99m RBC scintigraphy, 691–693
  Tc-99m RBC labeling in, after transfusions, 911–912
Blind end sign, in hepatobiliary scintigraphy, in liver transplant patients, 638–642
Blood pool imaging, Tc-99m, in epididymal appendix torsion, 526
Blood transfusions, Tc-99m RBC imaging after, 911–912
Blue dye, in sentinel node detection in breast cancer, sulfur colloid labeling *vs.*, 871 (ab)
Bone, non-Hodgkin lymphoma localization in, Tc-99m HMPAO imaging in, 72–73
Bone cyst, aneurysmal sacral, three-phase imaging of, 933–935
Bone imaging
  of acronecrosis from cryoglobulinemia, 336
  in children with acute skeletal symptoms, 756–754
  cold and hot osteomyelitis on, 927–928
  of disseminated blastomycosis, 596–598
  F-18 FDG PET
    of SAPHO syndrome, 838–839
    three-phase, of painful hip prosthesis (ab), 356
  of gastroenteropancreatic neuroendocrine tumors, 5–8
  Ga-67, of RS3PE, 766–768
  hemibody uptake on, in polyostotic fibrous dysplasia, 992–993
  of hyperostosis frontalis interna, butterfly sign on, 78–79
  of hypertrophic osteitis of clavicle, 990–991
  of hypertrophic osteoarthropathy, in bronchogenic adenocarcinoma, 463–466
  of lumbar spine, Langerhans cell histiocytosis of, 52–53
  of mandibular Caffey disease, in infant, 426–428
  of metastatic calcification caused by end-stage renal disease and hyperparathyroidism, 144–145
  of os calcaneus secundarius, 424–425
  of osteogenesis imperfecta, 156
  of osteoma, in Gardner syndrome, 247–248
  of osteoradionecrosis, 587–588
  pediatric pyelonephritis diagnosis by, 855–857
  of pelvic hypoplasia after radiation therapy, 847–848
  photon-deficient hemithorax on, caused by malignant pleural effusion, 513–514
  of prosthetic knee infection (ab), 358
  of rectal carcinoid, Octreoscan and MRI discrepancy with (ab), 529
  of runner's knee, 492–493
  of talar avascular necrosis, 9–13
  Tc-99m depreotide, after radiation therapy and pneumonectomy for lung cancer, 419–420
  Tc-99m HDP
    displaced uterus simulating aneurysm on, 574–576
    lung and stomach uptake in, 845–846
    of urinary bladder abnormalities (ab), 359
  Tc-99m HIG, of Y-90 silicate synovectomy,

277–285
Tc-99m HMDP
of immature teratoma, in child, 334–335
of small cell lung cancer, F-18 FDG PET image discrepancy with, 232–233
Tc-99m leukocyte, of arthroplasty infection, 694–695
Tc-99m MDP
blunt trauma soft-tissue uptake on, 699–700
of Budd-Chiari syndrome collaterals, 236–237
of fatal hepatic necrosis, 398–399
of gluteal tendonopathy, 128–129
of insufficiency fractures in anorexia nervosa and bulimia, 250–251
of metastatic thyroid cancer, 208–217
of multicentric osteosarcoma, 599–600
of multifocal Pott disease, in diabetes, 286–289
of necrotizing myopathy, 118–120
pancake kidney on, 434–436
pseudo-supernumerary kidney on, 432–433
skeletal sarcoidosis mimicking metastatic disease on, 176–179
three-phase, of Y-90 silicate synovectomy, 277–285
of traumatic leptomeningeal cyst, 245–246
Tc-99m oxidronate, urinary bladder stones on, 337–339
Tc-99m RBC, delayed, gastrointestinal bleeding diagnosed with, 691–693
of teres major muscle rhabdomyolysis, 126–127
three-phase
of aneurysmal bone cyst, 933–935
aortic dissection detected on, 858–860
of benign ulnar enchondroma, 778–779
of fibular stress fracture, 49–51
of osteopetrosis tarda, 54–55
of U shaped sternum, 224–225
unusual Tc-99m DPD uptake on, in prostate cancer, 929–930
Bone marrow
F-18 FDG uptake in, after erythropoietin for anemia, 771–772
in Hodgkin lymphoma, on F-18 FDG PET, 674–676
transplantation for acute lymphoblastic leukemia, Re-186 HEDP therapy before, 738–742
Bone metastases
prevalence and patterns of, F-18 FDG PET of, 302–307
from prostate cancer, sunburst pattern of, 931–932
Bone mineral density
elevated, etiologies of (ab), 360
postmenopausal, in endemic fluorosis, 308–311
Book review, Nuclear Cardiac Imaging, Third edition, by Ami E. Iskandrian and Mario S. Varani Reviewed by Andrew M. Keenan, 1002
Bowel activity
differentiating local tumor recurrence from, F-18 FDG PET in, 672–673
patterns of (ab), 357
Brachial plexus, neuritis of, Ga-67 citrate scintigraphy of, 161
Brain
F-18 FDG PET of, in differentiating cerebral infarction from atypical cerebral tumor, 241–242
SPECT of, continuous mode RapidSpect *vs.* step-and-shoot mode of (ab), 359
Tl-201 SPECT of, glomus jugulare tumor on, 340–342
Brain tumor, Tc-99m MIBI imaging of, 29–33
Breast, lactating, Tc-99m pertechnetate uptake by, in thyroid scan, 441–442
Breast cancer
alternative lymphatic pathways after (ab), 357
areolar-cutaneous junction injections in, to augment sentinel lymph node activity, 97–107
F-18 FDG PET in
(ab), 356
in ruptured breast implant, 755–756
sarcoidosis and, 218–219
internal mammary sentinel node imaging in, 375–378
lymphoscintigraphy in, injection technique for, 371–374
recurrence in chest wall, on parathyroid scan, 408–409
sentinel node in
alternative lymphatic pathways and (ab), 357
detection of
blue dye *vs.* sulfur colloid labeling in, 871 (ab)
chemotherapy and, 553–557
injection site and, 871 (ab)
number of and injection sites in (ab), 357
drainage patterns in, 558–264
injection technique into, 371–374
internal mammary, 375–378
Breast implant, ruptured, F-18 FDG PET of, breast cancer and, 755–756
Bronchial atresia, congenital, Tc-99m Technegas and Xe-133 gas study of, 243–244
Bronchial carcinoid, somatostatin receptor scintigraphy of, 548–532
Bronchiectasis, focal, mimicking metastatic thyroid cancer, 351–352
Bronchitis, acute, F-18 FDG PET of, 511–512
Bronchogenic adenocarcinoma, hypertrophic osteoarthropathy in, reversibility of, 463–466
Bronchogenic carcinoma
FDG PET in, 58–59
radiation therapy for, changes on bone and Tc-99m depreotide imaging after, 419–420
Brown tumors, multiple, Tl-201, Tc-99m sestamibi, and Tc-99m HMDP imaging in, 601–603
Budd-Chiari syndrome, collaterals in, bone and leukocyte scintigraphy of, 236–237
Bulimia, insufficiency fractures in, 250–251

C

Caffey disease, mandibular, in infant, bone and Ga-67 scintigraphy in, 426–428
Calcification, in lung, stomach, and soft tissue, from Tc-99m MDP and Ga-67 citrate uptake, 467–471
Calcium channel blockers, in false-positive captopril renography, 108–112
Captopril renography, false-positive, calcium channel blockers and, 108–112
Carcinoembryonic antigen (CEA) scan, of recurrent colorectal carcinoma, CT findings in, 608–609
Cardiac blood pool emission computed tomography, Tc-99m HSAD, of coronary-pulmonary artery fistula with coronary aneurysm, 222–223
Cardiac hydatid cyst, on whole-body scintigraphy, 254–255
Cardiomyopathy, takotsubo, reverse redistribution of technetium-99m tetrofosmin in, 757–759
Carotid arteries, internal, congenital bilateral absence of, Tc-99m HMPAO imaging in, 66–67
Castleman disease
Ga-67 in, 157–159
thoracic, F-18 FGD PET in, 325–326
Cerebral infarction
differentiating from atypical cerebral tumor, 241–242
Tc-99m MDP uptake resulting from, 851–852
Cerebral metabolism, severity rating scale for, for cognitive impairment assessment, 565–570
Cerebral perfusion scintigraphy, dynamic and static, of arteriovenous malformations, 64–65
Cerebrospinal fluid leak, intracranial hypotension from, In-111 DTPA scan of, 916–919
Cervical lymphadenopathy, from Kikuchi disease, 320–321
Cervical lymphoma, Ga-67 scintigraphy in, 869–870
Cervical spine, cerebrospinal fluid leak in, In-111 DTPA scan of, 916–919
Chemotherapy, pericarditis induced by, F-18 FDG PET scan of, 913–915
Chest, Tl-201 SPECT of, esophageal cancer

© 2003 Lippincott Williams & Wilkins

detection by, 77
Chest wall
breast cancer recurrence in, on parathyroid scan, 408–409
malignant lymphoma of, spontaneous regression of, 405–407
Chilaiditi syndrome, obstructed ectopic kidney mimicking, on F-18 FDG PET, 687–690
Child(ren). *See* Infant; Neonate; Pediatric patients
Cholecystitis, acute, F-18 FDG PET of, 162–163
Cholescintigraphy
morphine in, 723–724
of normal gallbladder with biliary leak, 977–978
Cirrhosis, from polycythemia vera, pleuroperitoneal communication in, 332–333
Clavicle, hypertrophic osteitis of, 990–991
Cognitive impairment, assessment with metabolic imaging severity rating scale, 565–570
Collaterals, in Budd-Chiari syndrome, bone and leukocyte scintigraphy of, 236–237
Colon adenocarcinoma, hepatic metastasis of, Tc-99m RBC and CT of, 400–401
Colon cancer/carcinoma
F-18 FDG PET in (ab), 355
intussusception of, PET and CT in, 60–61
metastasis to adrenal gland, FDG coincidence detection imaging of, 238
multiple dysplastic polyps with, 487–488
Colorectal cancer/carcinoma
local tumor recurrence in, bowel activity differentiation from, F-18 FDG PET in, 672–673
recurrent, CEA scan and CT findings in, 608–609
Computed tomography (CT)
of adrenal cortical carcinoma, 494–497
of colon cancer intussusception, 60–61
of colonic adenocarcinoma with hepatic metastasis, 400–401
to differentiate talc pleurodesis from pleural metastasis, 811–814
of extrarenal adult nephroblastoma, 154–155
of focal nodular hyperplasia, 134–135
of fractured osteophyte, 663–995
F-18 FDG PET combined with, in diagnosing labia metastasis of sarcoma, 636–637
of gluteal tendonopathy, 128–129
In-111 octreotide scintigraphy with, in localization of neuroendocrine tumors, 506–508
of Langerhans cell histiocytosis, of lumbar spine, 52–53
of metastatic thyroid cancer, 208–217
of peripancreatic nodal gastrinomas, 47–48
PET images acquired simultaneously with (ab), 355
of presacral mass, 74–76
of pulmonary embolism, 34–36
of recurrent colorectal carcinoma, CEA scan and, 608–609
spiral, in confirmation of pulmonary artery thrombus detected on V/Q lung scan, 941–942
for spleen lymphoma staging (ab), 357
Contraction pattern, after coronary bypass graft surgery, gated SPECT of, 18–24
Coronary aneurysm, saccular, Tc-99m HSAD imaging of, 222–223
Coronary bypass graft surgery, contraction pattern after, gated SPECT of, 18–24
Coronary-pulmonary artery fistula, Tc-99m HSAD imaging of, 222–223
Cryoglobulinemia, acronecrosis from, 336
Cryptococcoma, pulmonary, F-18 FED PET in, 791–793
Cystadenoma, mucinous, struma ovarii with, radioactive iodine detection of, 725–727
Cystic teratoma-associated encephalitis, F-18 FDG PET detection of, 893–896
Cytokines, hematopoietic, FDG uptake mediated by, Hodgkin lymphoma bone marrow involvement mimicking of, 674–676

D

Dental caries, incidental findings of FDG uptake in, 610
Denver peritoneovenous shunt, patency of, radionuclide detection of, 986–987
Dermatomyositis, polymyositis, F-18 FDG PET in, 58–59
Diabetes mellitus, multifocal Pott disease in, 286–289
Dialysis, continuous ambulatory peritoneal, complications of, 70–71
Diuretic renography, Tc-99m MAG3, of vesicoureteral reflux, 228–229
Diverticulum
hemorrhagic, Meckel cine scintigraphy of, 582–583
moving Meckel's, Tc-99m pertechnetate imaging of, 908–910
Dural arteriovenous malformation, embolization for, aphasia after, Tc-99m HMPAO of, 685–686

E

Echocardiography, three-dimensional, relation to left ventricular mass measured by myocardial perfusion gated SPECT, 392–397
Encephalitis, cystic teratoma-associated, F-18 FDG PET detection of, 893–896
Enchondroma, benign ulnar, three-phase bone scintigraphy of, 778–779
Endocarditis, infective, Tc-99m DM444 SPECT in, 480–484
Eosinophilia
angiolymphoid hyperplasia with, F-18 FDG PET and MRI of, 996–997
Tc-99m exametazine WBC imaging and, without infection, 389–391
Epididymal appendix, torsion of, blood pool imaging in, 526
Erythema nodosum, in non-Hodgkin lymphoma, F-18 FDG PET detection of, 652–654
Erythrocyte sedimentation rate, Tc-99m WBC correlation with, in pediatric inflammatory bowel diseases, 905–907
Erythropoietin therapy, for anemia, bone marrow F-18 FDG uptake after, 771–772
Esophageal cancer, Tl-201 chest SPECT of, 77
Esophagitis, radiation therapy induced, F-18 FDG PET of, 849–850
Eventration, thoracic uptake and, on In-111 octreotide scintigraphy, 524–525
Extramedullary hematopoiesis, of lung, Tc-99m tin colloid imaging of, 410–412

F

Fab′ fragments, in leukocyte scintigraphy
of infections, 267–276
of osteomyelitis, appendicitis, and soft tissue infection (ab), 81
Fanbeam reconstruction with rebinning, in evaluating PSPECT image quality (ab), 359
Fasciitis, necrotizing, in systemic lupus erythematosus, Ga-67 scan of, 160
Femoral condyle, spontaneous osteonecrosis of, 421–423
Fever of unknown origin, Tc-99m-labeled monoclonal antibody fragment imaging in, 981–983
Fibrous dysplasia, hyperparathyroidism with, Tc-99m MIBI and MDP findings in, 416–418
Fibula, stress fracture of, three-phase bone scan of, 49–51
Fluorine-18 labeled deoxyglucose (FDG)
secretion in saliva, laryngeal cancer misdiagnosis from, 794
uptake of
by bone marrow, after erythropoietin for anemia, 771–772
by dental caries, 610
thymic, 648–651
by tongue and mastication muscles, 220–221
Fluorine-18 labeled deoxyglucose (FDG)-coincidence detection (CDET) imaging, of colon cancer metastasis to adrenal gland, 238
Fluorine-18 labeled deoxyglucose (FDG) positron emission tomography (PET)
of abdominal aortic aneurysm, 130–131
of acute bronchitis, 511–512
of acute cholecystitis, 162–163
angiolipoma detected by, 604–605

© 2003 Lippincott Williams & Wilkins

of angiolymphoid hyperplasia with eosinophilia, 996–997
arterial injection artifact on, 350
benign fractures and, 171–175
of biliary stent, in pancreatic cancer, 318–319
of bone metastases prevalence and patterns, 302–307
of breast cancer
(ab), 356
sarcoidosis and, 218–219
of bronchogenic carcinoma, 58–59
of cardiac metastases, 979–980
in cerebral metabolic imaging severity rating scale, for cognitive impairment assessment, 565–570
of cervical lymphadenopathy, from Kikuchi disease, 320–321
of chemotherapy-induced pericarditis, 913–915
of colon cancer (ab), 355
in colon cancer intussusception, 60–61
of colon cancer with multiple dysplastic polyps, 487–488
CT combined with, in diagnosing labia metastasis of sarcoma, 636–637
in detecting recurrent and metastatic sarcoma, 815–820
to differentiate bowel activity and local tumor recurrence, 672–673
to differentiate cerebral infarction from atypical cerebral tumor, 241–242
to differentiate non-small cell lung carcinoma from syndronous tumors, 489–491
to differentiate talc pleurodesis from pleural metastasis, 811–814
dual-head hybrid, of head and neck tumors (ab), 355
of duplex kidney, 315
of effects of radiation therapy for lung cancer, 872 (ab)
of erythema nodosum in non-Hodgkin lymphoma, 652–654
in exclusion of pericardial metastasis by recurrent lung cancer, 666–667
false-positive
subcutaneous radiotracer infiltration and, 786–788
unrecognized renal transplant and, 655–657
of foreign body-related inflammatory abdominal pseudotumor, 842–844
of gastrointestinal stromal tumor, 327–329, 677–679
metastatic, 780–781
of Graves' disease, 142–143
of hepatocellular carcinoma, 606–607
of hiatal hernia mimicking necrotic lung cancer, 347–349
of Hodgkin lymphoma
bone marrow involvement on, 674–676
pericardial manifestations on, 760–761
in increased glucose metabolism, in thymus (ab), 356
of insular thyroid cancer, 728–731
of invasive aspergillosis mimicking non-small cell lung cancer, 234–235
of liver tumor after radiofrequency ablation, 192–197
of lung cancer in lower left thorax, 146–149
in malignant melanoma management, 961–965
of metastatic thyroid cancer, 208–217
of metastatic *vs.* benign spinal lesions, 966–970
obstructed ectopic kidney mimicking Chilaiditi syndrome on, 687–690
of pigmented villonodular synovitis, 668–669
of pituitary adenoma, in mucosa-associated lymphoid tissue lymphoma, 296–298
of pulmonary amyloid lesions, 975–976
of pulmonary *Clostridium perfringens* infection, 517–518
of pulmonary cryptococcoma, 791–793
of radiation therapy-induced esophagitis, 849–850
of ruptured breast implant, breast cancer and, 755–756
in SAPHO syndrome diagnosis, 838–839
of sclerosing mesenteritis, 670–671
of Sertoli cell tumor, in androgen insensitivity syndrome, 743–745
of single pulmonary nodule, 541–544
of skeletal muscle uptake after exertion, 840–841
skeletal sarcoidosis mimicking metastatic disease on, 176–179
of small cell lung cancer, Tc-99m HMDP image discrepancy with, 232–233
in spleen lymphoma staging (ab), 357
of systemic vasculitis, 485–486
of thalamic hypometabolism during vagal nerve stimulation, 784–785
of thoracic Castleman disease, 325–326
three-phase, in painful hip prosthesis (ab), 356
in thymus hyperplasia detection and follow up (ab), 356
of thyroid cancer
I-131 image discrepant with (ab), 529
non-Hodgkin lymphoma with, 782–783
of ureteral activity, pelvic anatomic localization using, 836–837
of uterine myoma, 249
of uterine sarcoma, 443–444
of vertebral hemangioma, 522–523
whole-body
of adrenal cortical carcinoma, 494–497
bowel activity patterns on (ab), 357
Fluorosis, endemic, bone mineral density in, menopause effect on, 308–311
Focal nodular hyperplasia
CT of, 134–135
SPECT of, 136–137
Foreign body, in abdominal cavity, inflammatory pseudotumor resulting from, F-18 FDG PET of, 842–844
Fracture
benign, F-18 FDG PET and, 171–175
fibular, three-phase bone scan of, 49–51
insufficiency, in anorexia nervosa and bulimia, 250–251
in osteogenesis imperfecta, bone imaging of, 156
Furosemide, for renography, avoidance of, 732–737

G

Gallbladder
normal with biliary leak, cholescintigraphy of, 977–978
Tc-99m disofenin imaging of, abdominal aortic aneurysm detected incidentally on, 577–578
visualization of, morphine in, 723–724
Gallium-67, uptake of
in mediastinal seminoma, 25–28
thymic, 648–651
Gallium-67 scintigraphy
of Castleman disease, 157–159
of cervical lymphoma, 869–870
of chest wall malignant lymphoma spontaneous regression, 405–407
of disseminated blastomycosis, 596–598
of extrarenal adult nephroblastoma, 154–155
of malignant melanoma, 704–708
of malignant thyroid lymphoma that spontaneously regressed after subtotal gastrectomy, 701–703
of mandibular Caffey disease, in infant, 426–428
of multiple myeloma, 322–324
of necrotizing fasciitis, in systemic lupus erythematosus, 160
of prosthetic knee infection (ab), 358
of RS3PE, 766–768
Gallium-67 citrate, uptake of, hypercalcemia from, 467–471
Gallium-67 citrate scintigraphy
of brachial plexus neuritis, 161
of multifocal Pott disease, in diabetes, 286–289
before and after treatment of acute Q fever, 998–999
Gamma probe, intraoperative, in hyperparathyroidism, 186–191
Gardner syndrome, osteomas in, 247–248
Gastrectomy, subtotal, malignant thyroid lymphoma spontaneously regressed after, Ga-87 imaging of, 701–703
Gastric emptying, clinical significance of, 658–662
Gastrinoma, peripancreatic nodal, scintigraphy and CT of, 47–48
Gastroenteropancreatic neuroendocrine tumor, In-111 pentetretide plus tomoscintigrams of, 5–8

© 2003 Lippincott Williams & Wilkins

Gastroesophageal reflux, silent, respiratory tract infection and, 476–479
Gastrointestinal bleeding
diagnosed with delayed Tc-99m RBC scintigraphy, 691–693
intra-abdominal splenosis mimicking, 226–227
in moving Meckel's diverticulum, Tc-99m pertechnetate imaging of, 908–910
Munchausen style, 330–331
Tc-99m RBC labeling in, after transfusions, 911–912
Gastrointestinal stromal tumor, F-18 FDG PET of, 327–329, 677–679
metastatic, 780–781
Giant cell tumor, of tendon sheath, pigmented villonodular synovitis and, 881–885
Glomerular filtration rate, renal ptosis and, in upright and supine positions, 150–153
Glomus jugulare tumor, Tl-201 brain SPECT of, 340–342
Glucose metabolism, in thymus (ab), 356
Gluteal tendonopathy, scintigraphy of, 128–129
Goiter, intrathoracic toxic multinodular, radioiodine treatment of, 138–139
Graves' disease
Tc-99m sestamibi washout in, 239–240
thymic F-18 FDG uptake in, 142–143
Graves' ophthalmopathy, acute retrobulbar inflammation in, 515–516
Gray matter heterotopia, Tc-99m HMPAO imaging of, 62–63
Gynecomastia, neonatal, Tc-99m pertechnetate thyroid scintigraphy of, 988–989

H

Hand circulation, pentoxyfyllin infusion therapy effect on, Tc-99m DTPA scintigraphy of, 611–612
Head and neck tumors, F-18 FDG PET dual-head hybrid imaging of (ab), 355
Head trauma, leptomeningeal cyst from, 245–246
Heart. *See also* Left ventricular *entries;* Myocardial *entries*
F-18 FDG PET of, lung cancer differentiation from, 146–149
involvement in chronic hypersensitivity pneumonitis, In-111 DTPA of, 994–995
metastases to, F-18 FDG PET of, 979–980
in multiple system atrophy, myocardial uptake of I-123 metaiodobenzylguanidine in, 890–892
Hemangioma
hepatic cavernous, blood pool imaging of, 834–835
vertebral, on F-18 FDG PET scan, 522–523
Hematopoietic cytokines, FDG uptake mediated by, Hodgkin lymphoma bone marrow involvement mimicking of, 674–676
Hemibody uptake, in polyostotic fibrous dysplasia, bone scintigraphy of, 992–993
Hemithorax, photon-deficient, caused by malignant pleural effusion, 513–514
Hemorrhagic diverticulum, Meckel cine scintigraphy of, 582–583
Hemorrhagic schwannoma, of knee, Tl-201 scintigraphic findings in, 613–615
Hepatic cavernous hemangioma, atypical peripheral rim activity in, blood pool imaging of, 834–835
Hepatic hydrothorax, Tc-99m sulfur colloid imaging of, 332–333
Hepatic necrosis, fatal, on bone scan, 398–399
Hepatitis B, interferon therapy for, subacute thyroiditis detection during, 864–865
Hepatobiliary imaging
of focal nodular hyperplasia, 136–137
in liver transplant patients, blind end sign in, 638–642
Hepatocellular carcinoma, F-18 FDG PET of, 606–607
Hereditary multiple exostoses, Tc-99m MDP imaging of, 589–590
Hernia
hiatal
I-131 scintigraphy of, 709–710
mimicking necrotic lung cancer, 347–349
inguinal, in dialysis patient, peritoneal scintigraphy in, 70–71
ureteroinguinal, renal Tc-99m MAG3 scan of, 680–682
Hiatal hernia
I-131 scintigraphy of, 709–710
mimicking necrotic lung cancer, 347–349
Hip prosthesis, painful, F-18 FDG PET three-phase bone scan in (ab), 356
Histiocytosis, Langerhans cell, of lumbar spine, 52–53
Hodgkin lymphoma, F-18 FDG PET of
bone marrow involvement on, 674–676
pericardial manifestations on, 760–761
Hurthle cell carcinoma, thyrotoxicosis in, 803–806
Hydatid cyst, cardiac, on whole-body scintigraphy, 254–255
Hydrothorax
in dialysis patient, peritoneal scintigraphy in, 70–71
hepatic, Tc-99m sulfur colloid imaging of, 332–333
Hypercalcemia
in lung, stomach, and soft tissue, from Tc-99m MDP and Ga-67 citrate uptake, 467–471
lung and stomach uptake of Tc-99m HDP in, 845–846
Hyperostosis frontalis interna, butterfly sign of, bone scan of, 78–79
Hyperparathyroidism
fibrous dysplasia with, Tc-99m MIBI and MDP findings in, 416–418
intact parathyroid hormone level in, Tc-99m MIBI imaging and, 180–185
intraoperative gamma probe and dual-phase Tc-99m sestamibi scintigraphy in, 186–191
metastatic calcification caused by, bone scintigraphy of, 144–145
multiple brown tumors in, Tl-201, Tc-99m sestamibi, and Tc-99m HMDP imaging in, 601–603
nonmedullary thyroid cancer with, 113–117
Tc-99m sestamibi imaging in (ab), 358
from vitamin D deficiency, 413–415
Hypertrophic pachymeningitis, chronic, Tl-201 SPECT in, 252–253
Hypopharynx, squamous cell carcinoma of, Tc-99m MDP bone imaging of, pseudo-supernumerary kidney on, 432–433

I

Iliac artery aneurysm, Tc-99m RBC scintigraphy of, 579–581
Iliac metastasis, from prostate cancer, sunburst pattern of, 931–932
Iliotibial band syndrome, bone SPECT findings in, 492–493
Indium-111 diethylenetriaminepentaacetic acid (DTPA) scan
of cervical spine cerebrospinal fluid leak with intracranial hypotension, 916–919
of chronic hypersensitivity pneumonitis with heart involvement, 994–995
Indium-111 leukocyte scan, of acute bacterial prostatitis and orchiepididymitis, 403–404
Indium-111 octreotide imaging
of adult medulloblastoma, 343–344
of chronic hypersensitivity pneumonitis with heart involvement, 994–995
CT with, in localization of neuroendocrine tumors, 506–508
of neuroendocrine tumor metastasis to mastoid bone, 345–346
thoracic uptake on, eventration and, 524–525
Indium-111 pentetreotide, thymic uptake of, 648–651
Indium-111 pentetreotide (Octreoscan) imaging. *See also* Indium-111 octreotide imaging
of carcinoid lung tumor, thyroid cancer discovery on, 45–46
DTPA, in metastatic thyroid cancer, 208–217
of rectal carcinoid, bone scan and MRI discrepancy with (ab), 529
tomoscintigrams plus, of gastroenteropancreatic neuroendocrine tumors, 5–8
Infant. *See also* Neonate
mandibular Caffey disease in, bone and Ga-67 scintigraphy in, 426–428
vesicoureteric reflux in, Tc-99m DMSA SPECT in, lymphatic localization after partial-dose extravasation in, 618–619
Infection
abdominal, compensatory liver lobe hypertrophy mimicking, 445–446

© 2003 Lippincott Williams & Wilkins

arthroplasty, Tc-99m leukocyte bone imaging in, 694–695
leukocyte scintigraphy of, Fab′ fragments in (ab), 81
in prosthetic knee, leukocyte and bone imaging in (ab), 358
pulmonary, from *Clostridium perfringens*, 517–518
respiratory tract, silent gastroesophageal reflux and, 476–479
in skull neurosurgery, Tc-99m HMPAO imaging of, 971–974
Infective endocarditis, Tc-99m DM444 SPECT in, 480–484
Inflammatory bowel diseases, pediatric, erythrocyte sedimentation rate correlation with Tc-99m WBC uptake in, 905–907
Inflammatory pseudotumor, foreign body-related in abdominal cavity, F-18 FDG PET of, 842–844
Inguinal hernia, in dialysis patient, peritoneal scintigraphy in, 70–71
Inguinal lymph node, vulvar cancer metastasis to, dual-phase Tl-201 scan of, 80
Insufficiency fracture, in anorexia nervosa and bulimia, 250–251
Insulinoma, endocrine active, with lymphogenic dissemination, 316–317
Interferon therapy, for hepatitis B, subacute thyroiditis detection during, 864–865
Intestinal lymphangiectasia, regional, unusual Tc-99m MDP excretion in, 509–510
Intracranial hypotension, from cerebrospinal fluid leak in cervical spine, In-111 DTPA scan of, 916–919
Iodine-123, stimulated by recombinant human thyrotropin, for whole-body imaging, 93
Iodine-123 imaging
of lingual thyroid gland, 140–141
of struma ovarii and mucinous cystadenoma, 725–727
Iodine-123 iodoamphetamine, of malignant melanoma, 704–708
Iodine-123 metaiodobenzylguanidine, myocardial uptake of, in multiple system atrophy, 890–892
Iodine-131
pooling in saphenous vein, mimicking contamination, 866–868
stimulated by recombinant human thyrotropin, for whole-body imaging, 93–96
therapeutic, for intrathoracic toxic multinodular goiter, 138–139
thymic uptake of, 648–651
Warthin tumor uptake of, 945–946
Iodine-131 imaging
of focal bronchiectasis, mimicking metastatic thyroid cancer, 351–352
of hiatal hernia, 709–710
of insular thyroid carcinoma, 385–386
in proving osteoid osteoma as iodophilic lesion, 696–698
of pulmonary metastasis after total thyroidectomy, 807–810
of thyroid cancer, F-18 FDG PET image discrepant with (ab), 529
whole-body, benign hepatic cyst mimicking thyroid cancer metastasis on, 527–528
Iodine-131 metaiodobenzylguanidine (MIBG) therapy, for metastatic neuroendocrine tumors (ab), 529

K

Kidney. *See also* Renal *entries*
duplex, F-18 FDG PET of, 315
native, recovery after failed renal transplant, 312–314
obstructed ectopic, mimicking Chilaiditi syndrome, on F-18 FDG PET, 687–690
pancake, bone scintigraphy of, 434–436
pelvic solitary congenital, Tc-99m DTPA and DMSA imaging of, 616–617
pseudo-supernumerary, 432–433
supernumerary, shifted urinary bladder mimicking, 437–438
Kikuchi disease, cervical lymphadenopathy from, 320–321
Knee
intralesional hemorrhagic schwannoma of, Tl-201 scintigraphic findings in, 613–615
prosthetic, infection in, leukocyte and bone imaging in (ab), 358
runner's, bone SPECT findings in, 492–493

L

Labia, sarcoma metastasis to, combined F-18 FDG PET and CT imaging of, 636–637
Lactation, Tc-99m pertechnetate uptake by breast during, in thyroid scan, 441–442
Langerhans cell histiocytosis, of lumbar spine, 52–53
Laparotomy, skin and scar tissue Tc-99m HMDP uptake after, 1000–1001
Laryngeal cancer, misdiagnosis of, from FDG secretion in saliva, 794
Left ventricular ejection fraction, by quantitative gated SPECT, automated, factors affecting, 290–295
Left ventricular mass, measured by myocardial perfusion gated SPECT, echocardiography relation to, 392–397
Left ventricular pseudoaneurysm, SPECT RNV of, 821–826
Leptomeningeal cyst, traumatic, 245–246
Leukocyte bone imaging, Tc-99m, in arthroplasty infection, 694–695
Leukocyte scintigraphy
In-111
in acute bacterial prostatitis and orchiepididymitis, 403–404
in systemic vasculitis, 485–486
Tc-99m exametazime, eosinophilia and, without infection, 389–391
Tc-99m HMPAO
of Budd-Chiari syndrome collaterals, 236–237
of compensatory liver lobe hypertrophy mimicking abdominal infection, 443–444
in non-Hodgkin lymphoma bone localization, 72–73
Tc-99m monoclonal antibody Fab′ fragment of infections, 267–276
of osteomyelitis, appendicitis, and soft tissue infection (ab), 81
Leukocyte/marrow imaging, in prosthetic knee infection (ab), 358
Leukoscan. *See* Technetium-99m monoclonal antibody Fab′ fragment imaging
Lingual thyroid gland, SPECT and planar imaging of, 140–141
Liver
benign cyst in, mimicking thyroid cancer metastasis, 527–528
compensatory lobe hypertrophy in, mimicking abdominal infection, on Tc-99m HMPAO leukocyte imaging, 443–444
Liver cancer, radiofrequency ablation for, F-18 FDG PET after, 192–197
Liver imaging. *See* Hepatobiliary imaging
Liver transplant patients, imaging of, blind end sign in, 638–642
Liver-spleen imaging
of intra-abdominal splenosis, gastrointestinal bleeding mimicking, 226–227
of pelvic spleen and splenule, 43–44
Lumbar spine, Langerhans cell histiocytosis of, 52–53
Lung
amyloidosis in, F-18 FDG PET of, 975–976
extramedullary hematopoiesis of, 410–412
hypercalcemia in, from Tc-99m MDP and Ga-67 citrate uptake, 467–471
liver dome lesion in, respiratory PET/CT artefact and, 943–944
Tc-99m HDP uptake by, 845–846
Tc-99m sestamibi uptake by, in myocardial perfusion testing in nonsmokers, 871 (ab)
thyroid cancer metastasis to, after total thyroidectomy, 807–810
transplanted, false-positive lung ventilation-perfusion scan in, 472–475
Lung cancer
F-18 FDG PET of (ab), 81
In-111 pentetreotide scintigraphy of, thyroid cancer discovery on, 45–46
in lower left thorax, F-18 FDG PET of, 146–149
necrotic, hiatal hernia mimicking, 347–349
Neotect imaging of (ab), 81
non-small cell
invasive aspergillosis mimicking, 234–235
synchronous tumors differentiated from, by F-18 FDG PET, 489–491

© 2003 Lippincott Williams & Wilkins

radiation effects on, F-18 FDG PET of, 872 (ab)
radiation therapy for, changes on bone and Tc-99m depreotide imaging after, 419–420
recurrent, pericardial metastasis of, F-18 FDG PET exclusion of, 666–667
small cell, Tc-99m HMDP and F-18 FDG PET image discrepancy in, 232–233
Lung infection, from *Clostridium perfringens*, 517–518
Lung metastasis, of osteogenic sarcoma, Tc-99m MDP imaging of, 926
Lung perfusion, absence of, pulmonary embolism as, on scintigraphy, 34–36
Lung scan, perfusion/ventilation, pulmonary artery thrombus detected on, confirmation by spiral CT, 941–942
Lung ventilation-perfusion imaging
of aortic dissection, 37–38
false-positive, in transplanted lung, 472–475
of pulmonary embolism, 34–36
reverse mismatches (ab), 359
Lymph node
inguinal, vulvar cancer metastasis to, dual-phase Tl-201 scan of, 80
peripancreatic, gastrinoma from, scintigraphy and CT of, 47–48
sentinel, three-dimensional, SPECT of, 1–4
thyroid cancer metastasis to, Tc-99m MIBI imaging of, 984–985
Lymphangiectasia, regional intestinal, unusual Tc-99m MDP excretion in, 509–510
Lymphoblastic leukemia, acute, bone marrow transplantation for, Re-186 HEDP therapy before, 738–742
Lymphoma. *See also* Hodgkin lymphoma; Non-Hodgkin lymphoma
cervical, Ga-67 scintigraphy in, 869–870
chest wall malignant, spontaneous regression of, 405–407
mucosa-associated lymphoid tissue, pituitary adenoma in, 296–298
spleen staging in, F-18 FDG PET *vs.* CT for (ab), 357
Lymphoscintigraphy
in breast cancer
injection technique for, 371–374
internal mammary sentinel node imaging in, 375–378
in malignant melanoma, Tc-99m colloidal rhenium sulfide in, 379–384

M

Magnetic resonance imaging (MRI)
of angiolymphoid hyperplasia with eosinophilia, 996–997
of cerebral arteriovenous malformations, 64–65
of extrarenal adult nephroblastoma, 154–155
in gray matter heterotopia diagnosis, 62–63
of hyperparathyroidism from vitamin D deficiency, 413–415
of Langerhans cell histiocytosis, of lumbar spine, 52–53
of metastatic thyroid cancer, 208–217
negative findings of cystic teratoma-associated encephalitis, 893–896
of rectal carcinoid, Octreoscan and bone scan discrepancy with (ab), 529
of RS3PE, 766–768
Malabsorption, chronic, unusual Tc-99m MDP excretion in, 509–510
Mastication muscles, F-18 FDG uptake by, 220–221
Mastoid bone, neuroendocrine tumor metastasis to, 345–346
McCune-Albright syndrome, hemibody uptake in, bone scintigraphy of, 992–993
Meckel cine scintigraphy, of hemorrhagic diverticulum, 582–583
Meckel's diverticulum, moving, Tc-99m pertechnetate imaging of, 908–910
Mediastinal parathyroid adenoma, posterior, localization with Tc-99m MIBI SPECT, 584–586
Mediastinal seminoma, Ga-67 accumulation in, 25–28
Medulloblastoma, adult, In-111 octreotide scintigraphy of, 343–344
Melanoma, malignant
F-18 FDG PET therapy for, 961–965
Ga-67 scintigraphy *vs.* I-123 iodoamphetamine of, 704–708
sentinel lymph node mapping in, Tc-99m colloidal rhenium sulfide in, 379–384
Menopause, bone mineral density after, in endemic fluorosis, 308–311
Mesenteritis, sclerosing, F-18 FDG PET of, 670–671
Metabolic severity rating scale, for cognitive impairment assessment, 565–570
Metastatic disease, skeletal sarcoidosis mimicking, 176–179
Morphine, in cholescintigraphy, 723–724
Mucosa-associated lymphoid tissue lymphoma, pituitary adenoma in, 296–298
Multiple system atrophy, myocardial uptake of I-123 metaiodobenzylguanidine in, 890–892
Munchausen syndrome, gastrointestinal bleeding in, 330–331
Mycobacterium avium complex tenosynovitis, in systemic lupus erythematosus, scintigraphic findings of, 936–938
Myelitis, multiple angiomas in, 571–573
Myeloma, multiple
discordant Ga-67 and Tc-99m MDP imaging in, 322–324
on Tc-99m tetrofosmin cardiac imaging, 230–231
Myeloma lesions, uptake intensity of Tc-99m MIBI and Tc-99m V-DMSA by, 631–635
Myocardial imaging
perfusion
of contraction pattern after coronary bypass graft surgery, 18–24
left ventricular mass measured by, echocardiography relation to, 392–397
Tc-99m tetrofosmin, in multiple myeloma, 230–231
Tc-99m tetrofosmin SPECT, with exercise, in steal phenomenon, 762–763
Myocardial perfusion imaging, with Rb-82, 872 (ab)
Myocardial perfusion testing, in nonsmokers, pulmonary Tc-99m sestamibi uptake in, 871 (ab)
Myocarditis, from acute Q fever, Ga-67 citrate scan before and after treatment of, 998–999
Myoma, uterine, F-18 FDG PET of, 249
Myopathy, necrotizing, Tc-99m MDP bone imaging in, 118–120

N

Nanoparticles, as drug delivery devices, in Alzheimer's disease imaging (ab), 529
Neck phantom, in thyroid uptake studies (ab), 81
Necrotizing fasciitis, in systemic lupus erythematosus, Ga-67 scan in, 160
Neonate, gynecomastia in, Tc-99m pertechnetate thyroid scintigraphy of, 988–989
NeoSpect. *See* Technetium-99m depreotide imaging
Nephroblastoma, extrarenal adult, 154–155
Neuroendocrine tumors
localization of, combined In-111 octreotide scintigraphy and CT in, 506–508
metastatic
to mastoid bone, 345–346
therapeutic I-131 MIBG for (ab), 529
Non-Hodgkin lymphoma
erythema nodosum associated with, F-18 FDG PET detection of, 652–654
false-positive splenic imaging in, 124–125
localization in bone, Tc-99m HMPAO imaging in, 72–73
low-grade, Tc-99m depreotide scintigraphy of, 503–505
papillary thyroid carcinoma with, F-18 FDG PET detection of, 782–783
Tc-99m MIBI as therapeutic predictor in, 457–462
Nonsmokers, myocardial perfusion testing in, pulmonary Tc-99m sestamibi uptake in, 871 (ab)
Nuclear cardiology, in stem cell transplantation (ab), 81

O

Oligodendroglioma, false-negative MIBI SPECT of, 299–301
Ollier disease, Tc-99m MDP imaging in, 56–57

© 2003 Lippincott Williams & Wilkins

Ophthalmopathy, Graves,' acute retrobulbar inflammation in, 515–516
Orchiepididymitis, on In-111 leukocyte scan, 403–404
Os calcaneus secundarius, skeletal scintigraphy of, 424–425
Osteoarthropathy, hypertrophic, in bronchogenic adenocarcinoma, reversibility of, 463–466
Osteochondroma
  hereditary multiple exostoses in, Tc-99m MDP imaging of, 589–590
  parosteal proliferation of, Tl-201 scintigraphy of, 591–593
Osteogenesis imperfecta, bone scan of, 156
Osteogenic sarcoma, with pleural, lung, bone, and soft tissue metastases, Tc-99m MDP imaging of, 926
Osteoid osteoma, as iodophilic lesion, 696–698
Osteoma, in Gardner syndrome, 247–248
Osteomalacia, Tc-99m MDP lymphoscintigraphy in, 509–510
Osteomyelitis
  chronic recurrent multifocal, clavicular hypertrophic osteitis from, 990–991
  cold and hot, on bone scintigraphy, 927–928
  Tc-99m monoclonal antibody Fab′ fragment scan of (ab), 81
  Tc-99m-labeled antigranulocyte antibody Fab′ fragment imaging of, 643–647
Osteonecrosis, spontaneous, of femoral condyle, 421–423
Osteopetrosis, three-phase bone scintigraphy of, 54–55
Osteophyte, fractured, on SPECT and CT, 663–995
Osteoporosis, in anorexia nervosa and bulimia, 250–251
Osteoradionecrosis, bone scintigraphy of, 587–588
Osteosarcoma, multicentric, Tc-99m bone scintigraphy in, 599–600
Ovary, mucinous cystadenoma and struma ovarii in, radioactive iodine detection of, 725–727

P

Pachymeningitis, hypertrophic chronic, Tl-201 SPECT in, 252–253
Paget disease, PET in, 773–774
Parallel beam reconstruction, in evaluating PSPECT image quality (ab), 359
Paraneoplastic syndrome, F-18 FDG PET in, 58–59
Parapharyngeal lymph nodes, in papillary thyroid cancer, 947–948
Parathyroid adenoma
  giant silent, diagnosis and treatment of, 519–521
  multiple brown tumors and, Tl-201, Tc-99m sestamibi, and Tc-99m HMDP imaging in, 601–603
  posterior mediastinal, localization with Tc-99m MIBI SPECT, 584–586
Parathyroid disease, dual-phase sestamibi scintigraphy in, pertechnetate thyroid imaging and (ab), 358
Parathyroid hormone level, Tc-99m MIBI imaging and, in hyperparathyroidism, 180–185
Parathyroid hyperplasia, Tc-99m MIBI imaging of, 984–985
Parathyroid scintigraphy
  predictive value in minimally invasive parathyroid resection (ab), 81
  Tc-99m sestamibi, breast cancer recurrence in chest wall detected on, 408–409
Parathyroidectomy, scintigraphic protocol before, 955–960
Parosteal infiltration, of osteochondroma, Tl-201 scintigraphy of, 591–593
Patent ductus venosus, reversed intrapulmonary right-to-left shunt in, 827–833
Pediatric patients. *See also* Infant; Neonate
  acute pyelonephritis in, 198–203
  acute skeletal symptoms in, bone scintigraphy of, 756–754
  immature teratoma in, 334–335
  inflammatory bowel diseases in, erythrocyte sedimentation rate correlation with Tc-99m WBC uptake in, 905–907
  osteogenesis imperfecta in, bone scan of, 156
  osteopetrosis in, three-phase bone scintigraphy of, 54–55
  pyelonephritis in, skeletal scintigraphy of, 855–857
  respiratory tract infections in, silent gastroesophageal reflux and, 476–479
Pelvic anatomic localization, by F-18 FDG PET of ureteral activity, 836–837
Pelvic hypoplasia, after radiation therapy, 847–848
Pelvis, solitary congenital kidney in, Tc-99m DTPA and DMSA imaging of, 616–617
Pentoxyfyllin infusion therapy, effect on hand circulation, Tc-99m DTPA scintigraphy of, 611–612
Periareolar injection, in sentinel lymph node evaluation in breast cancer (ab), 357
Pericardial metastasis, of recurrent lung cancer, F-18 FDG PET exclusion of, 666–667
Pericarditis, chemotherapy-induced, F-18 FDG PET scan of, 913–915
Peritoneal scintigraphy, in diagnosing dialysis complications, 70–71
Peritoneovenous shunt patency, radionuclide detection of, 986–987
Phosphorus-32, repetitive peritoneal instillations of, for malignant ascites, 545–547
Pigmented villonodular synovitis, and giant cell tumor of tendon sheath, 881–885
Pinhole single-photon emission computed tomography (PSPECT), evaluating image quality in, fanbeam reconstruction with rebinning *vs.* parallel beam reconstruction in (ab), 359
Pituitary adenoma, in mucosa-associated lymphoid tissue lymphoma, 296–298
Pleural effusion, malignant, photon-deficient hemithorax caused by, 513–514
Pleural metastasis
  of osteogenic sarcoma, Tc-99m MDP imaging of, 926
  talc pleurodesis mimics, 811–814
Pleuroperitoneal communication, in cirrhosis from polycythemia vera, 332–333
Pneumonectomy, for lung cancer, changes on bone and Tc-99m depreotide imaging after, 419–420
Pneumonitis, chronic hypersensitivity with heart involvement, In-111 DTPA of, 994–995
Polycythemia vera, cirrhosis from, pleuroperitoneal communication in, 332–333
Polymyositis dermatomyositis, F-18 FDG PET in, 58–59
Polyposis, nonfamilial, colon cancer with, 487–488
Portal venous system, cavernous transformation of, and false-positive splenic scan in non-Hodgkin lymphoma, 124–125
Positron emission (PET)/computed tomographic (CT) combined scan, respiratory artefact on, and malposition of liver dome lesion in lung, 943–944
Positron emission tomography (PET). *See also* Fluorine-18 labeled deoxyglucose (FDG) positron emission tomography (PET)
  CT images acquired simultaneously with (ab), 355
  in Paget disease, 773–774
Pott disease, multifocal, in diabetes, 286–289
Power Doppler sonography, of acute pyelonephritis, in children, 198–203
Presacral mass, Tc-99m WBC and CT of, 74–76
ProstaScint imaging (ab), 355
Prostate cancer
  iliac metastases in, sunburst pattern of, 931–932
  unusual Tc-99m DPD uptake on bone scan in, 929–930
Prostatitis, acute bacterial, on In-111 leukocyte scan, 403–404
Prosthetic hip, painful, three-phase F-18 FDG PET in (ab), 356
Prosthetic knee, infection in, leukocyte and bone imaging in (ab), 358
Pseudoaneurysm, left ventricular, SPECT RNV of, 821–826
Pulmonary arteriovenous communication, in patent ductus venosus, 827–833
Pulmonary artery thrombus, V/Q lung scan of, confirmation by spiral CT, 941–942
Pulmonary cryptococcoma, F-18 FED PET in, 791–793
Pulmonary embolism
  as absence of lung perfusion, angiography

© *2003 Lippincott Williams & Wilkins*

and CT correlation with, 34–36
scintigraphy and angiography of, 897–904
Pulmonary nodule, oral F-18 FDG PET of, 541–544
Pyelonephritis, acute
pediatric, skeletal scintigraphy of, 855–857
Tc-99m DMSA and Tc-99m ciprofloxacin imaging in, 68–69, 456 (erratum)
Tc-99m DMSA *vs.* power Doppler sonography of, 198–203

Q

Q fever, Ga-67 citrate imaging before and after treatment of, 998–999

R

Radiation therapy
esophagitis induced by, 849–850
for lung cancer
changes on bone and Tc-99m depreotide imaging after, 419–420
F-18 FDG PET of effects, 872 (ab)
osteoradionecrosis from, bone scintigraphy of, 587–588
pelvic hypoplasia after, 847–848
Radiofrequency ablation, for liver tumor, F-18 FDG PET after, 192–197
Radionuclide angiography, dynamic, of cerebral arteriovenous malformation, 64–65
Radionuclide study, of Denver peritoneovenous shunt patency, 986–987
Radionuclide ventriculography (RNV)
of great vessel transposition, 132–133
of left ventricular pseudoaneurysm, 821–826
Rectal carcinoid, discrepant imaging appearances in (ab), 529
Rectus abdominus muscle, Tc-99m MDP localization in, 769–770
Remitting seronegative symmetric synovitis with pitting edema, scintigraphy and MRI of, 766–768
Renal. *See also* Kidney
Renal abscess, Tc-99m DMSA and Tc-99m ciprofloxacin imaging of, 68–69, 456 (erratum)
Renal arteriovenous fistula, embolization of, 429–431
Renal cell carcinoma, Tc-99m RBC imaging detection of, 920–922
Renal cortical perfusion defects, in antiphospholipid syndrome, Tc-99m DMSA imaging of, 853–854
Renal cortical scintigraphy, Tc-99m DMSA, of laterally shifted urinary bladder mimicking supernumerary kidney, 437–438
Renal disease, end-stage, metastatic calcification caused by, bone scintigraphy of, 144–145
Renal failure, chronic, Tc-99m MDP uptake in, 939–940
Renal fusion anomalies, rare congenital, 204–207
Renal osteodystrophy, Tc-99m MIBI uptake in, 775–777
Renal ptosis, glomerular filtration rate and, in upright and supine positions, 150–153
Renal scintigraphy
Tc-99m DMSA, of acute pyelonephritis, in children, 198–203
Tc-99m DTPA
glomerular filtration value and renal ptosis on, in upright and supine positions, 150–153
of urinoma and ascites secondary to posterior urethral valves, 923–925
Tc-99m MAG3
of abdominal aortic aneurysm, 711–714
dehydration and, 683–684
of ureteroinguinal hernia, 680–682
Tc-99m MAG3 dynamic, of aneurysmal type arteriovenous fistula, 429–431
Renal transplant
failed, native kidney recovery after, 312–314
unrecognized, false-positive F-18 FDG PET and, 655–657
Renography
captopril, false-positive, calcium channel blockers and, 108–112
diuretic
furosemide avoidance in, 732–737
Tc-99m MAG3, of vesicoureteral reflux, 228–229
Tc-99m DTPA, ureteral duplication detected on, vesicoureteral reflux in, 498–500
Respiratory artefact, on combined PET/CT scan, and malposition of liver dome lesion in lung, 943–944
Respiratory tract infection, silent gastroesophageal reflux and, 476–479
Retin1,1-hydroxyethylidene-186-diphosphonate (Re-186 HEDP), for acute lymphoblastic leukemia patients before bone marrow transplantation, 738–742
Retrobulbar inflammation, in Graves' ophthalmopathy, 515–516
Re-186 HEDP. *See* Retin1,1-hydroxyethylidene-186-diphosphonate
Rhabdomyolysis
of teres major muscles, 126–127
varicella zoster infection-associated, Tc-99m MDP imaging of, 594–595
Rib end, solitary metastasis in, Tc-99m medronate image of, 861–863
RS3PE. *See* Remitting seronegative symmetric synovitis with pitting edema
Rubidium-82, in myocardial perfusion imaging, 872 (ab)
Runner's knee, bone SPECT findings in, 492–493

S

Sacrum, aneurysmal bone cyst of, three-phase imaging of, 933–935
Saliva, FDG secretion in, laryngeal cancer misdiagnosis from, 794
Salivary gland scintigraphy, false-negative, and I-131 uptake in Warthin tumor, 945–946
Saphenous vein, radioiodine pooling in, mimicking contamination, 866–868
SAPHO syndrome, diagnosis with F-18 FDG PET, 838–839
Sarcoidosis, interference with F-18 FDG PET, in breast cancer, 218–219
Sarcoma
labia metastasis of, combined F-18 FDG PET and CT imaging of, 636–637
recurrent or metastatic, F-18 FDG-PET detection of, 815–820
Scar tissue, Tc-99m HMDP uptake in, after laparotomy, 1000–1001
Scintigraphy, before parathyroidectomy, 955–960
Sclerosing mesenteritis, F-18 FDG PET of, 670–671
Scrotal scan, testicular viability and, in testicular torsion (ab), 358
Seizure, aphasia as, after embolization for dural arteriovenous malformation, Tc-99m HMPAO of, 685–686
Seminal vesiculitis, Tc-99m ciprofloxacin SPECT in, 501–502
Sentinel lymph node
augmenting activity of, areolar-cutaneous junction injections and, 97–107
in breast cancer
alternative lymphatic pathways and (ab), 357
blue dye *vs.* sulfur colloid labeling in, 871 (ab)
detection of, chemotherapy and, 553–557
drainage patterns in, 558–264
injection site and, 871 (ab)
injection technique into, 371–374
internal mammary, 375–378
number and injection sites for (ab), 357
in malignant melanoma, Tc-99m colloidal rhenium sulfide mapping of, 379–384
three-dimensional, SPECT of, 1–4
Septic arthritis, on bone scintigraphy, 927–928
Sertoli cell tumor, PET imaging of, in androgen insensitivity syndrome, 743–745
Shunt, reversed intrapulmonary right-to-left, in patent ductus venosus, 827–833
Single photon emission computed tomography radionuclide ventriculography (SPECT RNV), of left ventricular pseudoaneurysm, 821–826
Single-photon emission computed tomography (SPECT). *See also* Pinhole single-photon emission computed tomography (PSPECT)
of brain, continuous mode RapidSpect *vs.* step-and-shoot mode of (ab), 359
of focal nodular hyperplasia, 136–137
labeled red blood cells in, 134–135
of fractured osteophyte, 663–995

© 2003 Lippincott Williams & Wilkins

gated
of contraction pattern after coronary bypass graft surgery, 18–24
myocardial perfusion, left ventricular mass measured by, echocardiography relation to, 392–397
quantitative, of left ventricular ejection fraction, 290–295
in gluteal tendonopathy, 128–129
of lingual thyroid gland, 140–141
of runner's knee, 492–493
Tc-99m ciprofloxacin, in seminal vesiculitis, 501–502
Tc-99m DMSA
lymphatic localization after partial-dose extravasation in, in infant, 618–619
of renal abscess, 68–69, 456 (erratum)
Tc-99m DM444, in infective endocarditis, 480–484
Tc-99m DTPA, of retrobulbar inflammation in Graves' ophthalmopathy, 515–516
Tc-99m ECD, of cerebral arteriovenous malformations, 64–65
Tc-99m HMPAO
in congenital absence of internal carotid arteries, 66–67
in gray matter heterotopia diagnosis, 62–63
Tc-99m HSAD cardiac pool, of coronary-pulmonary artery fistula with coronary aneurysm, 222–223
Tc-99m MDP
pancake kidney on, 434–436
soft tissue uptake after blunt trauma, 699–700
Tc-99m MIBI
false-negative, of oligodendroglioma, 299–301
of posterior mediastinal parathyroid adenoma, 584–586
Tc-99m RBC, of focal nodular hyperplasia, 134–135
Tc-99m Technegas, in suspected congenital bronchial atresia, 243–244
Tc-99m tetrofosmin, myocardial with exercise, in steal phenomenon, 762–763
of three-dimensional sentinel lymph nodes, 1–4
Tl-201
of brain, glomus jugulare tumor on, 340–342
of chest, esophageal cancer detection by, 77
in differentiating cerebral infarction from atypical cerebral tumor, 241–242
of hypertrophic chronic pachymeningitis, 252–253
Xe-133, in suspected congenital bronchial atresia, 243–244
Skeletal muscle uptake, after exertion, F-18 FDG PET of, 840–841
Skeletal sarcoidosis, mimicking metastatic disease, 176–179
Skeletal symptoms, acute pediatric, bone scintigraphy of, 756–754
Skin, Tc-99m HMDP uptake in, after laparotomy, 1000–1001
Skull neurosurgery, infection in, Tc-99m HMPAO imaging of, 971–974
Soft tissue
hypercalcemia in, from Tc-99m MDP and Ga-67 citrate uptake, 467–471
infection in, Tc-99m monoclonal antibody Fab′ fragment scan of (ab), 81
metastasis of osteogenic sarcoma to, Tc-99m MDP imaging of, 926
Tc-99m MDP uptake by, after blunt trauma, 699–700
Somatostatin receptor activity, in thyroid eye disease, Tc-99m depreotide imaging of, 439–440
Somatostatin receptor scintigraphy. *See also* Indium-111 pentetreotide (Octreoscan) imaging
for bronchial carcinoid follow-up, 548–532
of insulinoma with lymphogenic dissemination, 316–317
of peripancreatic nodal gastrinomas, 47–48
SPECT RNV. *See* Single photon emission computed tomography radionuclide ventriculography
Spine
lumbar, Langerhans cell histiocytosis of, 52–53
metastatic *vs.* benign lesions of, F-18 FDG PET of, 966–970
Spleen
false-positive imaging of, in non-Hodgkin lymphoma, 124–125
incidental pelvic, Tc-99m DMSA imaging of, 43–44
lymphoma staging in, F-18 FDG PET *vs.* CT for (ab), 357
Splenic tissue, autotransplantation of, after splenic injury, 402
Splenosis
heat-denatured RBC scan of, 39–42
intra-abdominal, mimicking gastrointestinal bleeding, 226–227
thoracic, radionuclide imaging in, 121–123
Splenule, Tc-99m DMSA imaging of, 43–44
Spondylitis, tuberculous multifocal, in diabetes, 286–289
Steal phenomenon, Tc-99m tetrofosmin myocardial SPECT of, with exercise protocol, 762–763
Stem cell transplantation, nuclear cardiology in (ab), 81
Stent, biliary, in pancreatic cancer, F-18 FDG PET of, 318–319
Sternum, U shaped, 224–225
Stomach
hypercalcemia in, from Tc-99m MDP and Ga-67 citrate uptake, 467–471
Tc-99m HDP uptake by, 845–846
Stress fracture, fibular, three-phase bone scan of, 49–51
Stromal tumor, gastrointestinal, F-18 FDG PET of, 677–679
Struma ovarii, mucinous cystadenoma with, radioactive iodine detection of, 725–727
Sulfur colloid, in sentinel node detection in breast cancer, blue dye labeling *vs.*, 871 (ab)
Super scan, in recurrent syncope, 886–889
Sweat glands, axillary, Tc-99m depreotide accumulation in, 789–790
Syncope, recurrent, diagnostic super scan in, 886–889
Synovitis
seronegative symmetric, with pitting edema, scintigraphy and MRI of, 766–768
Y-90 silicate therapy for, Tc-99m HIG and MDP scans in, 277–285
Systemic lupus erythematosus
necrotizing fasciitis in, Ga-67 scan of, 160
tenosynovitis in, scintigraphic findings of, 936–938

T

Takotsubo cardiomyopathy, Tc-99m tetrofosmin reverse redistribution in, 757–759
Talc pleurodesis, pleural metastasis mimicked by, 811–814
Talus, avascular necrosis of, 9–13
Technetium-99m, antigranulocyte antibody Fab′ fragment labeled with, in osteomyelitis imaging, 643–647
Technetium-99m blood pool imaging, of epididymal appendix torsion, 526
Technetium-99m ciprofloxacin imaging
of renal abscess, 68–69, 456 (erratum)
of seminal vesiculitis, 501–502
Technetium-99m colloidal rhenium sulfide, in sentinel node mapping, in malignant melanoma, 379–384
Technetium-99m depreotide, accumulation in axillary sweat glands, 789–790
Technetium-99m depreotide imaging
of low-grade non-Hodgkin lymphoma, 503–505
after radiation therapy and pneumonectomy for lung cancer, 419–420
of thyroid eye disease, somatostatin receptor activity on, 439–440
Technetium-99m diethylenetriaminepentaacetic acid human serum albumin (HSAD) imaging, of coronary-pulmonary artery fistula with coronary aneurysm, 222–223
Technetium-99m diethylenetriaminepentaacetic acid (DTPA) imaging
glomerular filtration value and renal ptosis on, in upright and supine positions, 150–153
of pentoxyfyllin infusion therapy effect on hand circulation, 611–612
of retrobulbar inflammation in Graves' ophthalmopathy, 515–516

© 2003 Lippincott Williams & Wilkins

of solitary congenital pelvic kidney, 616–617
of urinoma and ascites secondary to posterior urethral valves, 923–925
Technetium-99m diethylenetriaminepentaacetic acid (DTPA) renography, ureteral duplication detected on, vesicoureteral reflux in, 498–500
Technetium-99m dimercaptosuccinic acid (DMSA) imaging
of acute pyelonephritis, in children, 198–203
of incidental pelvic spleen, 43–44
of laterally shifted urinary bladder mimicking supernumerary kidney, 437–438
of lymphatic localization after partial-dose extravasation, in infant, 618–619
of rare congenital renal fusion anomalies, 204–207
of renal abscess, 68–69, 456 (erratum)
of renal cortical perfusion defects in antiphospholipid syndrome, 853–854
of solitary congenital pelvic kidney, 616–617
Technetium-99m disofenin imaging, of gallbladder, abdominal aortic aneurysm detected incidentally on, 577–578
Technetium-99m DM444 imaging, of infective endocarditis, 480–484
Technetium-99m DPD uptake, on bone scan, in prostate cancer, 929–930
Technetium-99m ethyl cysteinate dimer (ECD) imaging, of cerebral arteriovenous malformation, 64–65
Technetium-99m exametazine (Ceretec) white blood cell (WBC) imaging, eosinophilia and, without infection, 389–391
Technetium-99m hexamethylpropylene amineoxime (HMPAO) imaging
of aphasia after embolization for dural arteriovenous malformation, 685–686
of Budd-Chiari syndrome collaterals, 236–237
of compensatory liver lobe hypertrophy mimicking abdominal infection, 445–446
of congenital absence of internal carotid arteries, 66–67
in gray matter heterotopia diagnosis, 62–63
of infections in skull neurosurgery, 971–974
in non-Hodgkin lymphoma bone localization, 72–73
Technetium-99m HMDP, uptake by skin and scar tissue, after laparotomy, 1000–1001
Technetium-99m HMDP imaging
of immature teratoma, in child, 334–335
of multiple brown tumors, 601–603
in small cell lung cancer, F-18 FDG PET image discrepancy with, 232–233
Technetium-99m human immunoglobulin (HIG) imaging, of Y-90 silicate synovectomy, 277–285
Technetium-99m macroaggregated albumin (MAA), supine *versus* prone, thoracic compression or fluid shift in, 764–765
Technetium-99m macroaggregated albumin (MAA) perfusion scan
of pulmonary embolism, 897–904
of reversed intrapulmonary right-to-left shunt in patent ductus venosus, 827–833
Technetium-99m medronate imaging, of solitary metastasis in rib end, 861–863
Technetium-99m mercaptoacetyltriglycine (MAG3) imaging
dynamic, of aneurysmal type arteriovenous fistula, 429–431
renal
of abdominal aortic aneurysm, 711–714
dehydration and, 683–684
of ureteroinguinal hernia, 680–682
in vesicoureteral reflux detection, 228–229
Technetium-99m methoxyisobutylisonitrile (MIBI), uptake of
in brain tumor, 29–33
in myeloma lesions, 631–635
in renal osteodystrophy, 775–777
Technetium-99m methoxyisobutylisonitrile (MIBI) imaging. *See also* Technetium-99m sestamibi scintigraphy
false-negative, of oligodendroglioma, 299–301
of giant silent parathyroid adenoma, in diagnosis and treatment, 519–521
in hyperparathyroidism, fibrous dysplasia on, 416–418
of non-Hodgkin lymphoma, 457–462
parathyroid
in detection of parathyroid hyperplasia, thyroid cancer lymph node metastasis, and thyroid adenomatous hyperplasia, 984–985
in hyperparathyroidism, 180–185
of posterior mediastinal parathyroid adenoma, 584–586
Technetium-99m methylenediphosphonate (MDP)
localization in rectus abdominis muscle, 769–770
uptake of
in chronic renal failure, 939–940
hypercalcemia from, 467–471
resulting from cerebral artery infarction, 851–852
Technetium-99m methylenediphosphonate (MDP) imaging
blunt trauma soft-tissue uptake on, 699–700
of Budd-Chiari syndrome collaterals, 236–237
of fatal hepatic necrosis, 398–399
of gluteal tendonopathy, 128–129
of hereditary multiple exostoses, 589–590
of hyperparathyroidism, fibrous dysplasia on, 416–418
of insufficiency fractures in anorexia nervosa and bulimia, 250–251
of metastatic thyroid cancer, 208–217
of multicentric osteosarcoma, 599–600
of multifocal Pott disease, in diabetes, 286–289
of multiple myeloma, 322–324
of necrotizing myopathy, 118–120
of Ollier disease, 56–57
of osteogenic sarcoma with pleural, lung, bone, and soft tissue metastases, 926
in recurrent syncope, 886–889
skeletal sarcoidosis mimicking metastatic disease on, 176–179
of squamous cell carcinoma of hypopharynx, pseudo-supernumerary kidney on, 432–433
of traumatic leptomeningeal cyst, 245–246
of varicella zoster infection-associated rhabdomyolysis, 594–595
of Y-90 silicate synovectomy, 277–285
Technetium-99m monoclonal antibody Fab′ fragment imaging (Leukoscan)
in fever of unknown origin, 981–983
of infections, 267–276
of osteomyelitis, appendicitis, and soft tissue infection (ab), 81
Technetium-99m oxidronate (HDP), diffuse lung and stomach uptake of, 845–846
Technetium-99m oxidronate (HDP) imaging
displaced uterus simulating aneurysm on, 574–576
of urinary bladder abnormalities (ab), 359
whole-body, urinary bladder stones on, 337–339
Technetium-99m pentavalent dimercaptosuccinic acid (V-DMSA), uptake of, in myeloma lesions, 631–635
Technetium-99m pertechnetate, uptake by lactating breasts, in thyroid scan, 441–442
Technetium-99m pertechnetate imaging
in Meckel cine scintigraphy, of hemorrhagic diverticulum, 582–583
of moving Meckel's diverticulum, 908–910
of neonatal gynecomastia, 988–989
of thyroid, in dual-phase sestamibi scintigraphy, in parathyroid disease (ab), 358
Technetium-99m pyrophosphate imaging, whole-body, cardiac hydatid cyst on, 254–255
Technetium-99m red blood cell (RBC) imaging
of focal nodular hyperplasia, 134–135
of gastrointestinal bleeding
delayed, 691–693
labeling after transfusions, 911–912
heat-denatured
of colonic adenocarcinoma with hepatic metastasis, 400–401
false-positive splenic scan in non-Hodgkin lymphoma, 124–125
of splenosis, 39–42
of hepatic cavernous hemangioma, 834–835
of iliac artery aneurysm, 579–581
renal cell carcinoma detected by, 920–922
Technetium-99m sestamibi, pulmonary uptake of, in myocardial perfusion testing in nonsmokers, 871 (ab)

© 2003 Lippincott Williams & Wilkins

Technetium-99m sestamibi scintigraphy. *See also* Technetium-99m methoxyisobutylisonitrile (MIBI) imaging
dual-phase
intraoperative, in hyperparathyroidism, 186–191
in parathyroid disease, pertechnetate thyroid imaging and (ab), 358
in hyperparathyroidism (ab), 358
of multiple brown tumors, 601–603
parathyroid, breast cancer recurrence in chest wall detected on, 408–409
washout, in Graves' disease, 239–240
Technetium-99m sodium pertechnetate scan, of Hurthle cell carcinoma, thyrotoxicosis in, 803–806
Technetium-99m sulfur colloid imaging, of pleuroperitoneal communication, in cirrhosis from polycythemia vera, 332–333
Technetium-99m Technegas imaging, in suspected congenital bronchial atresia, 243–244
Technetium-99m tetrofosmin, reverse redistribution of, in takotsubo cardiomyopathy, 757–759
Technetium-99m tetrofosmin imaging
exercise with, in steal phenomenon, 762–763
of insular thyroid carcinoma, 385–386
of multiple myeloma, 230–231
Technetium-99m tin colloid imaging, of extramedullary hematopoiesis of lungs, 410–412
Technetium-99m white blood cell (WBC) imaging
erythrocyte sedimentation rate correlation with, in pediatric inflammatory bowel diseases, 905–907
exametazime-labeled
eosinophilia and, without infection, 389–391
of infections in skull neurosurgery, 971–974
whole-body, of presacral mass, 74–76
Tendon sheath, giant cell tumor of, pigmented villonodular synovitis and, 881–885
Tenosynovitis, in systemic lupus erythematosus, scintigraphic findings of, 936–938
Teratoma, immature, in child, 334–335
Teres major muscle, rhabdomyolysis of, 126–127
Testicular lesions, different patterns of, on Tl-201 scan, 353–354
Testicular torsion, testicular viability in, scrotal scan patterns and (ab), 358
Tetrofosmin, reverse distribution of, in takotsubo cardiomyopathy, 757–759
Thalamic hypometabolism, during vagal nerve stimulation, F-18 FDG PET of, 784–785
Thallium-201 scintigraphy
dual-phase
of testicular lesions, 353–354
of vulvar cancer with lymph node metastasis, 80
of hemorrhagic schwannoma of knee, 613–615
in multiple brown tumors, 601–603
of parosteal osteochondromatous infiltration, 591–593
of pigmented villonodular synovitis and giant cell tumor of tendon sheath, 881–885
SPECT
of brain, glomus jugulare tumor on, 340–342
of chest, esophageal cancer detection by, 77
in differentiating cerebral infarction from atypical cerebral tumor, 241–242
of hypertrophic chronic pachymeningitis, 252–253
Thoracic compression, in Tc-99m MAA supine *versus* prone injection, 764–765
Thoracic splenosis, radionuclide imaging in, 121–123
Thymus
F-18 FDG uptake in, in Graves' disease, 142–143
hyperplasia of, F-18 FDG PET in detection and follow up of (ab), 356
increased glucose metabolism in (ab), 356
Thyroid adenomatous hyperplasia, Tc-99m MIBI imaging of, 984–985
Thyroid cancer
follicular, on In-111 pentetreotide scan of carcinoid lung tumor, 45–46
insular, F-18 FDG PET of, 728–731
I-131 negative/F-18 FDG PET positive (ab), 529
lymph node metastasis of, Tc-99m MIBI imaging of, 984–985
metastatic
benign hepatic cyst mimicking, 527–528
focal bronchiectasis mimicking, 351–352
In-111 DTPA-octreotide scintigraphy in, F-18 FDG PET and conventional radiography *vs.*, 208–217
nonmedullary, hyperparathyroidism with, 113–117
papillary
diagnostic and therapeutic recombinant human thyrotropin in, 14–17
with non-Hodgkin lymphoma, F-18 FDG PET of, 782–783
parapharyngeal lymph node involvement in, 947–948
recombinant human thyrotropin I-123 and I-131 whole-body scanning for, 93–96
Tc-99m tetrofosmin *vs.* I-131 imaging of, 385–386
Thyroid eye disease, somatostatin receptor activity in, Tc-99m depreotide imaging of, 439–440
Thyroid gland, lingual, SPECT and planar imaging of, 140–141
Thyroid imaging, pertechnetate, in dual-phase sestamibi scintigraphy, in parathyroid disease (ab), 358
Thyroid lymphoma, malignant spontaneously regressed, after subtotal gastrectomy, Ga-87 imaging of, 701–703
Thyroid scan, Tc-99m pertechnetate
lactating breasts in, 441–442
neonatal gynecomastia on, 988–989
Thyroid uptake studies, neck phantoms in (ab), 81
Thyroidectomy, total, pulmonary metastasis after, 807–810
Thyroiditis, subacute, detection during interferon therapy for hepatitis B, 864–865
Thyroid-stimulating hormone (thyrotropin, TSH), human recombinant, diagnostic and therapeutic use of, 14–17
Thyrotoxicosis, in Hurthle cell carcinoma, 803–806
Tongue, F-18 FDG uptake by, 220–221
Transmission imaging, of three-dimensional sentinel lymph nodes, 1–4
Transposition of great vessels, radionuclide ventriculography of, 132–133
Trauma, blunt, Tc-99m MDP soft tissue uptake after, 699–700
Tuberculous spondylitis, multifocal, in diabetes, 286–289

U

Ulna, benign enchondroma on, three-phase bone scintigraphy of, 778–779
Ureteral activity, F-18 FDG PET of, pelvic anatomic localization using, 836–837
Ureteral duplication, vesicoureteral reflux in, 498–500
Ureteroinguinal hernia, Tc-99m MAG3 renal scan of, 680–682
Urethral valves, posterior, urinoma and ascites secondary to, Tc-99m DTPA renal scintigraphy of, 923–925
Urinary bladder
abnormalities of, Tc-99m HDB imaging of (ab), 359
laterally shifted, mimicking supernumerary kidney, 437–438
stones in, on Tc-99m oxidronate whole-body scintigraphy, 337–339
Urinary tract infection, Tc-99m DMSA and Tc-99m ciprofloxacin imaging in, 68–69, 456 (erratum)
Urinoma, secondary to posterior urethral valves, Tc-99m DTPA renal scintigraphy of, 923–925
Uterine myoma, F-18 FDG PET of, 249
Uterine sarcoma, F-18 FDG PET of, 443–444
Uterus, displaced, simulating aneurysm on bone scan, 574–576

V

Vagal nerve stimulation, thalamic

© 2003 Lippincott Williams & Wilkins

hypometabolism during, F-18 FDG PET of, 784–785
Varicella zoster infection, rhabdomyolysis associated with, Tc-99m MDP imaging of, 594–595
Vasculitis, systemic, discordant F-18 FDG PET and In-111 WBC uptake in, 485–486
Ventricle. *See* Left ventricular *entries*
Ventriculography, radionuclide, of great vessel transposition, 132–133
Vertebral hemangioma, on F-18 FDG PET scan, 522–523
Vesicoureteral reflux
Tc-99m DMSA SPECT of, lymphatic localization after partial-dose extravasation in, 618–619
Tc-99m MAG3 diuretic renography of, 228–229
in ureteral duplication, 498–500
Villonodular synovitis, pigmented, F-18 FDG PET incidental detection of, 668–669
Vitamin D deficiency, hyperparathyroidism from, 413–415
Vulvar cancer, lymph node metastasis and, dual-phase Tl-201 scan of, 80

W

Whole-body imaging
cardiac hydatid cyst on, 254–255
F-18 FDG PET
of adrenal cortical carcinoma, 494–497
bowel activity patterns on (ab), 357
I-131
benign hepatic cyst mimicking thyroid cancer metastasis on, 527–528
hiatal hernia on, 709–710
radioiodine pooling in saphenous vein mimicking contamination in, 866–868
in Warthin tumor, 945–946
recombinant human thyrotropin I-123 and I-131 for, 93–96
in Tc-99m MIBI uptake in renal osteodystrophy, 775–777
Tc-99m oxidronate, urinary bladder stones on, 337–339
Tc-99m WBC, presacral mass on, 74–76

X

Xenon-133 gas washout study, in suspected congenital bronchial atresia, 243–244

Y

Yttrium-90 silicate therapy, for synovitis, Tc-99m HIG and MDP scans in, 277–285

© 2003 Lippincott Williams & Wilkins